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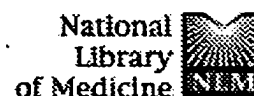




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**BACE overexpression alters the subcellular processing of APP and inhibits A{beta} deposition in vivo.**

J Cell Biol. 2005 Jan 10; [Epub ahead of print]

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PMID: 15615712 [PubMed - as supplied by publisher]

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J Neurochem. 2005 Jan;92(1):93-102.

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






































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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

















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


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
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





















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
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
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
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
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
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
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
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
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


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





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
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
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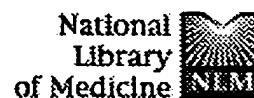
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
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
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
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
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
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
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
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
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
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
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
















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














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



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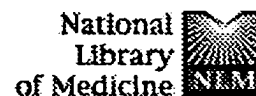
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
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
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



















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
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
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
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

















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

























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















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
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














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
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
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
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








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


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
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


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
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
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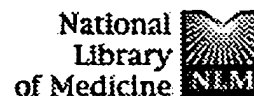
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


















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
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
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
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
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
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
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
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
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
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
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
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








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
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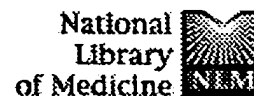
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
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
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
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
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
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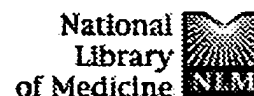
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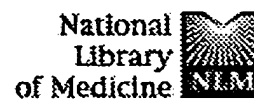
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

















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
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













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



















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
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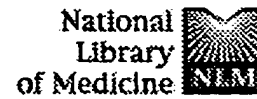
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## Levels of alpha- and beta-secretase cleaved amyloid precursor protein in the cerebrospinal fluid of Alzheimer's disease patients.

Sennvik K, Fastbom J, Blomberg M, Wahlund LO, Winblad B, Benedikz E.

Division of Geriatric Medicine, Karolinska Institute, NEUROTEC, KFC NOVUM, Huddinge, Sweden.

Alternative cleavage of the amyloid precursor protein (APP) results in generation and secretion of both soluble APP (sAPP) and beta-amyloid (A $\beta$ ). A $\beta$  is the main component of the amyloid depositions in the brains of Alzheimer's disease (AD) patients. Using Western blotting, we compared the levels of alpha-secretase cleaved sAPP, beta-secretase cleaved sAPP and total sAPP, in cerebrospinal fluid (CSF) from 13 sporadic AD patients and 13 healthy controls. Our findings show significant amounts of beta-secretase cleaved sAPP in CSF. There was no statistically significant difference in the levels of beta-secretase cleaved sAPP between AD patients and controls. The levels of alpha-secretase cleaved sAPP and total sAPP were, however, found to be significantly lower in the AD patients than in the controls.

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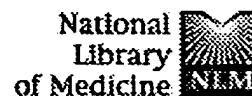
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## Human aspartic protease memapsin 2 cleaves the beta-secretase site of beta-amyloid precursor protein.

Lin X, Koelsch G, Wu S, Downs D, Dashti A, Tang J.

Protein Studies Program, Oklahoma Medical Research Foundation, and Department of Biochemistry, University of Oklahoma Health Sciences Center, Oklahoma City, OK 73104, USA.

The cDNAs of two new human membrane-associated aspartic proteases, memapsin 1 and memapsin 2, have been cloned and sequenced. The deduced amino acid sequences show that each contains the typical pre, pro, and aspartic protease regions, but each also has a C-terminal extension of over 80 residues, which includes a single transmembrane domain and a C-terminal cytosolic domain. Memapsin 2 mRNA is abundant in human brain. The protease domain of memapsin 2 cDNA was expressed in *Escherichia coli* and was purified. Recombinant memapsin 2 specifically hydrolyzed peptides derived from the beta-secretase site of both the wild-type and Swedish mutant beta-amyloid precursor protein (APP) with over 60-fold increase of catalytic efficiency for the latter. Expression of APP and memapsin 2 in HeLa cells showed that memapsin 2 cleaved the beta-secretase site of APP intracellularly. These and other results suggest that memapsin 2 fits all of the criteria of beta-secretase, which catalyzes the rate-limiting step of the *in vivo* production of the beta-amyloid (A $\beta$ ) peptide leading to the progression of Alzheimer's disease. Recombinant memapsin 2 also cleaved a peptide derived from the processing site of presenilin 1, albeit with poor kinetic efficiency. Alignment of cleavage site sequences of peptides indicates that the specificity of memapsin 2 resides mainly at the S(1)' subsite, which prefers small side chains such as Ala, Ser, and Asp.

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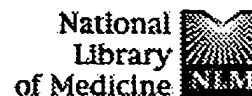
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





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
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
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

















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
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
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
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
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
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
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












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






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





























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

















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
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


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
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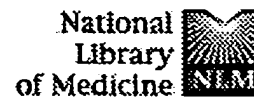
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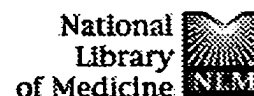
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






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
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


















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
















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
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
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
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
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
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
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








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
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FILE 'TOXCENTER' ENTERED AT 16:17:52 ON 14 JAN 2005  
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FILE 'USPATFULL' ENTERED AT 16:17:52 ON 14 JAN 2005  
CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 16:17:52 ON 14 JAN 2005  
CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

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FILE 'WPIFV' ENTERED AT 16:17:52 ON 14 JAN 2005  
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```
=> S BACE OR BACE1 OR Asp2 OR memapsin 2
26 FILES SEARCHED...
52 FILES SEARCHED...
L1      6784 BACE OR BACE1 OR ASP2 OR MEMAPSIN 2

=> S L1 AND ALzheimers disease
14 FILES SEARCHED...
25 FILES SEARCHED...
43 FILES SEARCHED...
57 FILES SEARCHED...
L2      180 L1 AND ALZHEIMERS DISEASE

=> DUP REM L2
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,
DRUGMONOG2, FEDRIP, FOREGE, IMSPRODUCT, IMSRESEARCH, KOSMET, MEDICONF,
NUTRACEUT, PCTGEN, PHAR, PHARMAML, PROUSDDR, RDISCLOSURE, SYNTHLINE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L2
L3      170 DUP REM L2 (10 DUPLICATES REMOVED)

=> D L3 1-170

L3      ANSWER 1 OF 170  SCISEARCH  COPYRIGHT (c) 2005 The Thomson Corporation.
on STN
AN      2005:13016  SCISEARCH
GA      The Genuine Article (R) Number: 878FN
TI      beta-Amyloid protein converting enzyme 1 and brain-specific type II
membrane protein BRI3: binding partners processed by furin
AU      Wickham L; Benjannet S; Marcinkiewicz E; Chretien M; Seidah N G (Reprint)
CS      Clin Res Inst Montreal, Biochem Neuroendocrinol Lab, 110 Pine Ave W,
Montreal, PQ H2W 1R7, Canada (Reprint); Clin Res Inst Montreal, Biochem
Neuroendocrinol Lab, Montreal, PQ H2W 1R7, Canada; Ottawa Hlth Res Inst,
Reg Prot Chem Ctr, Dis Ageing Unit, Ottawa, ON, Canada
CYA     Canada
SO      JOURNAL OF NEUROCHEMISTRY, (JAN 2005) Vol. 92, No. 1, pp. 93-102.
Publisher: BLACKWELL PUBLISHING LTD, 9600 GARSINGTON RD, OXFORD OX4 2DG,
OXON, ENGLAND.
ISSN: 0022-3042.
DT      Article; Journal
LA      English
REC     Reference Count: 50
*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*

L3      ANSWER 2 OF 170  IFIPAT  COPYRIGHT 2005 IFI on STN DUPLICATE 1
AN      10646819  IFIPAT;IFIUDB;IFICDB
TI      COMPOUNDS
IN      Geppert Martin; Harper Alexander James; Harrison Steve Mark; Prosser
Haydn
PA      Unassigned Or Assigned To Individual (68000)
PI      US 2004154049  A1  20040805
AI      US 2002-223837  20020820
PRAI    GB 2001-203421  20010821
        GB 2001-267326  20011111
FI      US 2004154049  20040805
DT      Utility; Patent Application - First Publication
FS      CHEMICAL
        APPLICATION
CLMN    16
GI      2 Figure(s).
FIG. 1 this describes in pictorial form the cloning strategy used to form
the vector IRES beta-gal
FIG. 2 the results show expression of LacZ and hence the transgene in
knockout mice where LacZ was expressed under the control of the
endogenous ***Asp2*** promoter (a and b) and in the overexpressor
transgenic mice of the invention (d and e). The figure also demonstrates
that no LacZ expression was seen in Wild Type mice (c).

L3      ANSWER 3 OF 170  CAPLUS  COPYRIGHT 2005 ACS on STN
AN      2004:965253  CAPLUS
DN      141:410968
TI      Preparation of pyrazolyltetraazafluorenes for treatment or prevention of
Alzheimer's disease.
IN      Harris, William; John, Derek Edward; Firth-Clark, Stuart
PA      De Novo Pharmaceuticals Limited, UK
```

CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004096808	A1	20041111	WO 2004-GB1761	20040427
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRAI GB 2003-9657 A 20030428  
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2004:934243 CAPLUS  
DN 141:388738  
TI Methods and compositions for diagnosing, preventing, and treating Alzheimer's disease  
IN Tanzi, Rudolph E.; Tesco, Giuseppina; Koh, Young Ho  
PA The General Hospital Corporation, USA  
SO U.S. Pat. Appl. Publ., 44 pp.  
CODEN: USXXCO

DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004219610	A1	20041104	US 2004-801087	20040315
PRAI	US 2003-454828P	P	20030314		
	US 2003-479165P	P	20030617		

L3 ANSWER 5 OF 170 USPATFULL on STN  
AN 2004:126971 USPATFULL  
TI Crystal structure of beta site APP cleaving enzyme ( \*\*\*BACE\*\*\* ) and methods of use thereof  
IN Vuillard, Laurent Michel Marie, Cambridge, UNITED KINGDOM  
Patel, Sahil Joe, Cambridge, UNITED KINGDOM  
Yon, Jeffrey Roland, Cambridge, UNITED KINGDOM  
Cleasby, Anne, Cambridge, UNITED KINGDOM  
Hamilton, Bruce John, Cambridge, UNITED KINGDOM  
Shah, Aleem, Cambridge, UNITED KINGDOM

PI US 2004096950 A1 20040520  
AI US 2003-627473 A1 20030725 (10)  
PRAI US 2002-398681P 20020726 (60)

DT Utility  
FS APPLICATION

LN.CNT 9132

INCL INCLM: 435/184.000  
INCLS: 435/069.200; 435/320.100; 435/325.000; 536/023.200

NCL NCLM: 435/184.000  
NCLS: 435/069.200; 435/320.100; 435/325.000; 536/023.200

IC [7]  
ICM: C12N009-99  
ICS: C07H021-04

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 6 OF 170 USPATFULL on STN  
AN 2004:122953 USPATFULL  
TI Use of small molecule radioligands to discover inhibitors of amyloid-beta peptide production and for diagnostic imaging  
IN Zaczek, Robert, Avondale, PA, United States  
Olson, Richard E., Wilmington, DE, United States  
Seiffert, Dietmar A., Boothwyn, PA, United States  
Thompson, Lorin A., Wilmington, DE, United States  
PA Bristol-Myers Squibb Company, Princeton, NJ, United States (U.S. corporation)

AI US 2000-573789 20000517 (9)  
RLI Continuation-in-part of Ser. No. US 1999-438901, filed on 12 Nov 1999,  
now patented, Pat. No. US 6331408  
PRAI US 1999-131284P 19990427 (60)  
US 1998-108147P 19981112 (60)  
DT Utility  
FS GRANTED  
LN.CNT 3675  
INCL INCLM: 424/009.200  
INCLS: 424/001.110; 424/001.650; 424/001.810; 424/009.100  
NCL NCLM: 424/009.200  
NCLS: 424/001.110; 424/001.650; 424/001.810; 424/009.100  
IC [7]  
ICM: A61K049-00  
EXF 424/1.11; 424/9.1; 424/9.2; 424/1.65; 514/2  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 7 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN  
AN 2005:11155 SCISEARCH  
GA The Genuine Article (R) Number: 878XL  
TI Dimerization of beta-site beta-amyloid precursor protein-cleaving enzyme  
AU Westmeyer G G; Willem M (Reprint); Lichtenthaler S F; Lurman G; Multhaup  
G; Assafalg-Machleidt I; Reiss K; Saftig P; Haass C  
CS Univ Munich, Lab Alzheimers & Parkinsons Dis Res, Dept Biochem, Adolf  
Butenandt Inst, Schillerstr 44, D-80336 Munich, Germany (Reprint); Univ  
Munich, Lab Alzheimers & Parkinsons Dis Res, Dept Biochem, Adolf Butenandt  
Inst, D-80336 Munich, Germany; Free Univ Berlin, Inst Biochem, D-14195  
Berlin, Germany; Univ Kiel, Dept Biochem, D-24098 Kiel, Germany  
CYA Germany  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (17 DEC 2004) Vol. 279, No. 51, pp.  
53205-53212.  
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE  
PIKE, BETHESDA, MD 20814-3996 USA.  
ISSN: 0021-9258.  
DT Article; Journal  
LA English  
REC Reference Count: 67  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 8 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN  
AN 2004:1077410 SCISEARCH  
GA The Genuine Article (R) Number: 876JT  
TI Altered amyloid-beta metabolism and deposition in genomic-based  
beta-secretase transgenic mice  
AU Chiocco M J; Kulnane L S; Younkin L; Younkin S; Evin G; Lamb B T (Reprint)  
CS Case Western Reserve Univ, Dept Genet, 10900 Euclid Ave, Cleveland, OH  
44106 USA (Reprint); Case Western Reserve Univ, Dept Genet, Cleveland, OH  
44106 USA; Univ Hosp Cleveland, Cleveland, OH 44106 USA; Mayo Clin  
Jacksonville, Jacksonville, FL 32224 USA; Univ Melbourne, Dept Pathol,  
Parkville, Vic 3010, Australia  
CYA USA; Australia  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (10 DEC 2004) Vol. 279, No. 50, pp.  
52535-52542.  
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE  
PIKE, BETHESDA, MD 20814-3996 USA.  
ISSN: 0021-9258.  
DT Article; Journal  
LA English  
REC Reference Count: 55  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 9 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN  
AN 2004:922867 SCISEARCH  
GA The Genuine Article (R) Number: 862QJ  
TI Association of gamma-secretase with lipid rafts in post-golgi and endosome  
membranes  
AU Vetrivel K S; Cheng H P; Lin W; Sakurai T; Li T; Nukina N; Wong P C; Xu H  
A; Thinakaran G (Reprint)  
CS Univ Chicago, Dept Neurobiol Pharmacol & Physiol, Chicago, IL 60637 USA  
(Reprint); Univ Chicago, Comm Neurobiol, Chicago, IL 60637 USA; RIKEN,  
Brain Sci Inst, Lab Neurodegenerat Signal, Saitama 3510198, Japan; RIKEN,  
Brain Sci Inst, Lab Struct Neuropathol, Saitama 3510198, Japan; Johns

Ctr Neurosci & Aging, La Jolla, CA 92037 USA  
 CYA USA; Japan  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (22 OCT 2004) Vol. 279, No. 43, pp. 44945-44954.  
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3996 USA.  
 ISSN: 0021-9258.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 76  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 10 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2004:802899 SCISEARCH  
 GA The Genuine Article (R) Number: 851KN  
 TI Processing amyloid precursor protein at the beta-site requires proper orientation to be accessed by \*\*\*BACE1\*\*\*  
 AU Qahwash I; He W X; Tomasselli A; Kletzien R F; Yan R Q (Reprint)  
 CS Cleveland Clin Fdn, Lerner Res Inst, Dept Neurosci, 9500 Euclid Ave, Cleveland, OH 44195 USA (Reprint); Cleveland Clin Fdn, Lerner Res Inst, Dept Neurosci, Cleveland, OH 44195 USA; Pharmacia Corp, Cell & Mol Biol, Kalamazoo, MI 49007 USA; Pharmacia Corp, Prot Sci, Kalamazoo, MI 49007 USA  
 CYA USA  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (10 SEP 2004) Vol. 279, No. 37, pp. 39010-39016.  
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3996 USA.  
 ISSN: 0021-9258.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 38  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 11 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2004:1033852 SCISEARCH  
 GA The Genuine Article (R) Number: 868OG  
 TI A system for enhancing genome-wide coexpression dynamics study  
 AU Li K C (Reprint); Liu C T; Sun W; Yuan S S; Yu T W  
 CS Univ Calif Los Angeles, Dept Stat, 8125 Math Sci Bldg, Los Angeles, CA 90095 USA (Reprint); Univ Calif Los Angeles, Dept Stat, Los Angeles, CA 90095 USA  
 CYA USA  
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (2 NOV 2004) Vol. 101, No. 44, pp. 15561-15566.  
 Publisher: NATL ACAD SCIENCES, 2101 CONSTITUTION AVE NW, WASHINGTON, DC 20418 USA.  
 ISSN: 0027-8424.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 48  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 12 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2004:260410 SCISEARCH  
 GA The Genuine Article (R) Number: 800TK  
 TI Cleavage of amyloid-beta precursor protein and amyloid-beta precursor-like protein by \*\*\*BACE\*\*\* 1  
 AU Li Q M; Sudhof T C (Reprint)  
 CS Univ Texas, SW Med Ctr, Dept Mol Genet, Ctr Basic Neurosci, Dallas, TX 75390 USA (Reprint); Univ Texas, SW Med Ctr, Howard Hughes Med Inst, Dallas, TX 75390 USA  
 CYA USA  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (12 MAR 2004) Vol. 279, No. 11, pp. 10542-10550.  
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3996 USA.  
 ISSN: 0021-9258.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 58  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

on STN  
 AN 2004:506973 SCISEARCH  
 GA The Genuine Article (R) Number: 822GW  
 TI Fluorescent-conjugated polymer superquenching facilitates highly sensitive detection of proteases  
 AU Kumaraswamy S; Bergstedt T; Shi X B; Rininsland F; Kushon S; Xia W S; Ley K; Achyuthan K; McBranch D; Whitten D (Reprint)  
 CS QTL Biosyst, 2778 Agua Fria ST, Santa Fe, NM 87507 USA (Reprint); QTL Biosyst, Santa Fe, NM 87507 USA  
 CYA USA  
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (18 MAY 2004) Vol. 101, No. 20, pp. 7511-7515.  
 Publisher: NATL ACAD SCIENCES, 2101 CONSTITUTION AVE NW, WASHINGTON, DC 20418 USA.  
 ISSN: 0027-8424.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 24  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 14 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2004:1078939 SCISEARCH  
 GA The Genuine Article (R) Number: 875GX  
 TI Identification of a small molecule nonpeptide active site beta-secretase inhibitor that displays a nontraditional binding mode for aspartyl proteases  
 AU Coburn C A (Reprint); Stachel S J; Li Y M; Rush D M; Steele T G; Chen-Dodson E; Holloway M K; Xu M; Huang Q; Lai M T; DiMuzio J; Crouthamel M C; Shi X P; Sardana V; Chen Z G; Munshi S; Kuo L; Makara G M; Annis D A; Tadikonda P K; Nash H M; Vacca J P; Wang T  
 CS Merck Res Labs, Dept Med Chem, W Point, PA 19486 USA (Reprint); Merck Res Labs, Dept Biol Chem, W Point, PA 19486 USA; Merck Res Labs, Dept Biol Struct & Mol Syst, W Point, PA 19486 USA; NeoGenesis Pharmaceut, Dept Chem, Cambridge, MA 02139 USA  
 CYA USA  
 SO JOURNAL OF MEDICINAL CHEMISTRY, (2 DEC 2004) Vol. 47, No. 25, pp. 6117-6119.  
 Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036 USA.  
 ISSN: 0022-2623.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 25  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 15 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 2  
 AN 2004:1040048 CAPLUS  
 DN 142:35493  
 TI Demonstration of \*\*\*BACE\*\*\* (.beta.-secretase) phosphorylation and its interaction with GGA1 in cells by fluorescence-lifetime imaging microscopy  
 AU von Arnim, Christine A. F.; Tangredi, Michelle M.; Peltan, Ithan D.; Lee, Bonny M.; Irizarry, Michael C.; Kinoshita, Ayae; Hyman, Bradley T.  
 CS Alzheimer Disease Research Laboratory, Harvard Medical School, Massachusetts General Hospital, Charlestown, MA, 02129, USA  
 SO Journal of Cell Science (2004), 117(22), 5437-5445  
 CODEN: JNCSAI; ISSN: 0021-9533  
 PB Company of Biologists Ltd.  
 DT Journal  
 LA English  
 RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 16 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2004:923995 SCISEARCH  
 GA The Genuine Article (R) Number: 858VC  
 TI Modeling the protonation states of the catalytic aspartates in beta-secretase  
 AU Rajamani R; Reynolds C H (Reprint)  
 CS Johnson & Johnson Pharmaceut R&D, Welsh & McKean Rd, POB 776, Spring House, PA 19477 USA (Reprint); Johnson & Johnson Pharmaceut R&D, Spring House, PA 19477 USA  
 CYA USA  
 SO JOURNAL OF MEDICINAL CHEMISTRY, (7 OCT 2004) Vol. 47, No. 21, pp. 5159-5166.

ISSN: 0022-2623.  
DT Article; Journal  
LA English  
REC Reference Count: 59  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 17 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN  
AN 2004:389420 SCISEARCH  
GA The Genuine Article (R) Number: 814IH  
TI Flap position of free \*\*\*\*memapsin\*\*\* \*\*\*2\*\*\* (beta-secretase), a  
model for flap opening in aspartic protease catalysis  
AU Hong L; Tang J (Reprint)  
CS Oklahoma Med Res Fdn, Prot Studies Program, 825 NE 13th St, Oklahoma City,  
OK 73104 USA (Reprint); Oklahoma Med Res Fdn, Prot Studies Program,  
Oklahoma City, OK 73104 USA; Univ Oklahoma, Hlth Sci Ctr, Dept Biochem &  
Mol Biol, Oklahoma City, OK 73104 USA; Zapaq Inc, Oklahoma City, OK 73104  
USA  
CYA USA  
SO BIOCHEMISTRY, (27 APR 2004) Vol. 43, No. 16, pp. 4689-4695.  
Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036 USA.  
ISSN: 0006-2960.  
DT Article; Journal  
LA English  
REC Reference Count: 24  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 18 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN  
AN 2004:942704 SCISEARCH  
GA The Genuine Article (R) Number: 862RD  
TI The APP intracellular domain forms nuclear multiprotein complexes and  
regulates the transcription of its own precursor  
AU von Rotz R C; Kohli B M; Bosset J; Meier M; Suzuki T; Nitsch R M;  
Konietzko U (Reprint)  
CS Univ Zurich, Div Psychiat Res, August Forel Str 1, CH-8008 Zurich,  
Switzerland (Reprint); Univ Zurich, Div Psychiat Res, CH-8008 Zurich,  
Switzerland; Hokkaido Univ, Sch Pharmaceut Sci, Neurosci Lab, Kita Ku,  
Sapporo, Hokkaido 0600812, Japan  
CYA Switzerland; Japan  
SO JOURNAL OF CELL SCIENCE, (1 SEP 2004) Vol. 117, No. 19, pp. 4435-4448.  
Publisher: COMPANY OF BIOLOGISTS LTD, BIDDER BUILDING CAMBRIDGE COMMERCIAL  
PARK COWLEY RD, CAMBRIDGE CB4 4DL, CAMBS, ENGLAND.  
ISSN: 0021-9533.  
DT Article; Journal  
LA English  
REC Reference Count: 64  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 19 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2004:376167 CAPLUS  
DN 141:137369  
TI Age-dependent neurodegeneration and Alzheimer-Amyloid plaque formation in  
transgenic Drosophila  
AU Greeve, Isabell; Kretzschmar, Doris; Tschaepe, Jakob-Andreas; Beyn, Anika;  
Brellinger, Claire; Schweizer, Michaela; Nitsch, Roger M.; Reifegerste,  
Rita  
CS Center for Molecular Neurobiology, University of Hamburg, Hamburg, 20251,  
Germany  
SO Journal of Neuroscience (2004), 24(16), 3899-3906  
CODEN: JNRSDS; ISSN: 0270-6474  
PB Society for Neuroscience  
DT Journal  
LA English  
RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 20 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN  
AN 2004:268035 SCISEARCH  
GA The Genuine Article (R) Number: 800ZD  
TI Differential utilization of upstream AUGs in the beta-secretase mRNA  
suggests that a shunting mechanism regulates translation  
AU Rogers G W; Edelman G M; Mauro V P (Reprint)  
CS Scripps Res Inst, Dept Neurobiol, 10550 N Torrey Pines Rd, La Jolla, CA

USA; Scripps Res Inst, Skaggs Inst Chem Biol, La Jolla, CA 92037 USA  
 CYA USA  
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF  
 AMERICA, (2 MAR 2004) Vol. 101, No. 9, pp. 2794-2799.  
 Publisher: NATL ACAD SCIENCES, 2101 CONSTITUTION AVE NW, WASHINGTON, DC  
 20418 USA.  
 ISSN: 0027-8424.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 46  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 21 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2004:323355 SCISEARCH  
 GA The Genuine Article (R) Number: 807FK  
 TI Translational regulation of \*\*\*BACE\*\*\* -1 expression in neuronal and  
 non-neuronal cells  
 AU Tonelli D D; Mihailovich M; Di Cesare A; Codazzi F; Grohovaz F; Zacchetti  
 D (Reprint)  
 CS San Raffaele Sci Inst, Dept Neurosci, Cellular Neurophysiol Unit, Via  
 Olgettina 58, I-20132 Milan, Italy (Reprint); San Raffaele Sci Inst, Dept  
 Neurosci, Cellular Neurophysiol Unit, I-20132 Milan, Italy; Vita Salute  
 San Raffaele Univ, I-20132 Milan, Italy  
 CYA Italy  
 SO NUCLEIC ACIDS RESEARCH, (MAR 2004) Vol. 32, No. 5, pp. 1808-1817.  
 Publisher: OXFORD UNIV PRESS, GREAT CLARENDON ST, OXFORD OX2 6DP, ENGLAND.  
 ISSN: 0305-1048.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 53  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 22 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2004:972937 SCISEARCH  
 GA The Genuine Article (R) Number: 865XF  
 TI beta-site amyloid precursor protein cleaving enzyme 1 increases amyloid  
 deposition in brain parenchyma but reduces cerebrovascular amyloid  
 angiopathy in aging \*\*\*BACE\*\*\* x APP[V7171] double-transgenic mice  
 AU Willem M; Dewachter I; Smyth N; Van Dooren T; Borghgraef P; Haass C; Van  
 Leuven F (Reprint)  
 CS Katholieke Univ Leuven, EGG, LEGT, Expt Genet Grp, Dept Human Genet,  
 Campus Gasthuisberg O&N 06, B-3000 Louvain, Belgium (Reprint); Katholieke  
 Univ Leuven, EGG, LEGT, Expt Genet Grp, Dept Human Genet, B-3000 Louvain,  
 Belgium; Univ Munich, Dept Biochem, Lab Alzheimers & Parkinsons Dis Res,  
 Munich, Germany; Univ Munich, Adolf Butenandt Inst, Munich, Germany; Univ  
 Cologne, Ctr Biochem, Cologne, Germany  
 CYA Belgium; Germany  
 SO AMERICAN JOURNAL OF PATHOLOGY, (NOV 2004) Vol. 165, No. 5, pp. 1621-1631.  
 Publisher: AMER SOC INVESTIGATIVE PATHOLOGY, INC, 9650 ROCKVILLE PIKE,  
 BETHESDA, MD 20814-3993 USA.  
 ISSN: 0002-9440.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 45  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 23 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2004:291519 SCISEARCH  
 GA The Genuine Article (R) Number: 804YM  
 TI KMI-358 and KMI-370, highly potent and small-sized \*\*\*BACE1\*\*\*  
 inhibitors containing phenylnorstatine  
 AU Kimura T; Shuto D; Kasai S; Liu P; Hidaka K; Hamada T; Hayashi Y; Hattori  
 C; Asai M; Kitazume S; Saido T C; Ishiura S; Kiso Y (Reprint)  
 CS Kyoto Pharmaceut Univ, Ctr Frontier Res Med Sci, Dept Med Chem, Yamashina  
 Ku, Kyoto 6078412, Japan (Reprint); Univ Tokyo, Grad Sch Arts & Sci, Dept  
 Life Sci, Meguro Ku, Tokyo 1538902, Japan; RIKEN, Frontier Res Syst,  
 Suprabiomol Syst Grp, Glycochain Funct Lab, Wako, Saitama 3510198, Japan;  
 RIKEN, Brain Sci Inst, Lab Proteolyt Neurosci, Wako, Saitama 35101, Japan  
 CYA Japan  
 SO BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, (22 MAR 2004) Vol. 14, No. 6,  
 pp. 1527-1531.  
 Publisher: PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE,

ISSN: 0960-894X.  
DT Article; Journal  
LA English  
REC Reference Count: 15  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 24 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN  
AN 2004:537018 SCISEARCH  
GA The Genuine Article (R) Number: 825XM  
TI In vivo inhibition of A beta production by \*\*\*memapsin\*\*\* \*\*\*2\*\*\*  
(beta-secretase) inhibitors  
AU Chang W P; Koelsch G; Wong S; Downs D; Da H N; Weerasena V; Gordon B;  
Devasamudram T; Bilcer G; Ghosh A K; Tang J (Reprint)  
CS Oklahoma Med Res Fdn, Prot Studies Program, 825 NE 13th St, Oklahoma City,  
OK 73104 USA (Reprint); Oklahoma Med Res Fdn, Prot Studies Program,  
Oklahoma City, OK 73104 USA; Zapaq Inc, Oklahoma City, OK USA; Univ  
Oklahoma, Coll Med, Oklahoma City, OK 73190 USA; Oklahoma Med Res Fdn,  
Dept Comparat Med, Oklahoma City, OK 73104 USA; Univ Illinois, Dept Chem,  
Chicago, IL 60680 USA; Univ Oklahoma, Hlth Sci Ctr, Dept Biochem & Mol  
Biol, Oklahoma City, OK 73190 USA  
CYA USA  
SO JOURNAL OF NEUROCHEMISTRY, (JUN 2004) Vol. 89, No. 6, pp. 1409-1416.  
Publisher: BLACKWELL PUBLISHING LTD, 9600 GARSINGTON RD, OXFORD OX4 2DG,  
OXON, ENGLAND.  
ISSN: 0022-3042.  
DT Article; Journal  
LA English  
REC Reference Count: 27  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 25 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN  
AN 2004:197674 SCISEARCH  
GA The Genuine Article (R) Number: 774UK  
TI X11 alpha impairs gamma- but not beta-cleavage of amyloid precursor  
protein  
AU King G D; Cherian K; Turner R S (Reprint)  
CS Vet Affairs Ann Arbor Healthcare Syst, Ctr Geriatr Res Educ & Clin, 2215  
Fuller Rd, Ann Arbor, MI 48105 USA (Reprint); Vet Affairs Ann Arbor  
Healthcare Syst, Ctr Geriatr Res Educ & Clin, Ann Arbor, MI 48105 USA;  
Univ Michigan, Inst Gerontol, Ann Arbor, MI 48109 USA; Univ Michigan, Dept  
Neurol, Ann Arbor, MI 48109 USA; Univ Michigan, Program Neurosci, Ann  
Arbor, MI 48109 USA  
CYA USA  
SO JOURNAL OF NEUROCHEMISTRY, (FEB 2004) Vol. 88, No. 4, pp. 971-982.  
Publisher: BLACKWELL PUBLISHING LTD, 9600 GARSINGTON RD, OXFORD OX4 2DG,  
OXON, ENGLAND.  
ISSN: 0022-3042.  
DT Article; Journal  
LA English  
REC Reference Count: 65  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 26 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN  
AN 2004:807811 SCISEARCH  
GA The Genuine Article (R) Number: 851AZ  
TI Reticulon family members modulate \*\*\*BACE1\*\*\* activity and  
amyloid-beta peptide generation  
AU He W X; Lu Y F; Qahwash I; Hu X Y; Chang A S; Yan R Q (Reprint)  
CS Cleveland Clin Fdn, Lerner Res Inst, Dept Neurosci, 9500 Euclid Ave,  
Cleveland, OH 44195 USA (Reprint); Cleveland Clin Fdn, Lerner Res Inst,  
Dept Neurosci, Cleveland, OH 44195 USA; Pharmacia Corp, Kalamazoo, MI  
49007 USA  
CYA USA  
SO NATURE MEDICINE, (SEP 2004) Vol. 10, No. 9, pp. 959-965.  
Publisher: NATURE PUBLISHING GROUP, 345 PARK AVE SOUTH, NEW YORK, NY  
10010-1707 USA.  
ISSN: 1078-8956.  
DT Article; Journal  
LA English  
REC Reference Count: 36  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

on STN  
 AN 2004:108223 SCISEARCH  
 GA The Genuine Article (R) Number: 764MT  
 TI Transcriptional regulation of \*\*\*BACE1\*\*\* , the beta-amyloid precursor protein beta-secretase, by Sp1  
 AU Christensen M A; Zhou W H; Qing H; Lehman A; Philipsen S; Song W H (Reprint)  
 CS Univ British Columbia, Brain Res Ctr, Dept Psychiat, 2255 Wesbrook Mall, Vancouver, BC V6T 1Z3, Canada (Reprint); Univ British Columbia, Brain Res Ctr, Dept Psychiat, Vancouver, BC V6T 1Z3, Canada; Erasmus Univ, Dept Cell Biol, NL-3000 DR Rotterdam, Netherlands  
 CYA Canada; Netherlands  
 SO MOLECULAR AND CELLULAR BIOLOGY, (JAN 2004) Vol. 24, No. 2, pp. 865-874. Publisher: AMER SOC MICROBIOLOGY, 1752 N ST NW, WASHINGTON, DC 20036-2904 USA.  
 ISSN: 0270-7306.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 46  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 28 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2004:133951 SCISEARCH  
 GA The Genuine Article (R) Number: 768PC  
 TI beta-secretase activity increases with aging in human, monkey, and mouse brain  
 AU Fukumoto H; Rosene D L; Moss M B; Raju S; Hyman B T; Irizarry M C (Reprint)  
 CS Massachusetts Gen Hosp E, Alzheimer Dis Res Unit, Dept Neurol, 114 16th St, Charlestown, MA 02129 USA (Reprint); Massachusetts Gen Hosp E, Alzheimer Dis Res Unit, Dept Neurol, Charlestown, MA 02129 USA; Boston Univ, Sch Med, Dept Anat & Neurobiol, Boston, MA 02215 USA; Emory Univ, Yerkes Reg Primate Res Ctr, Atlanta, GA 30322 USA  
 CYA USA  
 SO AMERICAN JOURNAL OF PATHOLOGY, (FEB 2004) Vol. 164, No. 2, pp. 719-725. Publisher: AMER SOC INVESTIGATIVE PATHOLOGY, INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3993 USA.  
 ISSN: 0002-9440.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 48  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 29 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2004:543169 SCISEARCH  
 GA The Genuine Article (R) Number: 826MT  
 TI Conformational flexibility of beta-secretase: molecular dynamics simulation and essential dynamics analysis  
 AU Xiong B; Huang X Q; Shen L L; Shen J H (Reprint); Luo X M; Shen X; Jiang H L; Chen K X  
 CS Chinese Acad Sci, Shanghai Inst Biol Sci, Shanghai Inst Mat Med, State Key Lab Drug Res, Drug Discovery & Design Ctr, Shanghai 201203, Peoples R China (Reprint)  
 CYA Peoples R China  
 SO ACTA PHARMACOLOGICA SINICA, (JUN 2004) Vol. 25, No. 6, pp. 705-713. Publisher: ACTA PHARMACOLOGICA SINICA, 294 TAI-YUAN ROAD, SHANGHAI 200031, PEOPLES R CHINA.  
 ISSN: 1671-4083.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 31  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 30 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2004:717304 CAPLUS  
 TI The potential for \*\*\*BACE1\*\*\* inhibitors in the treatment of Alzheimer's disease  
 AU Hussain, Ishrut  
 CS Neurodegeneration Research, Neurology and GI Centre of Excellence for Drug Discovery, GlaxoSmithKline Research and Development Ltd, Harlow, CM19 5AW, UK  
 SO IDrugs (2004), 7(7), 653-658  
 CODEN: IDRUFN; ISSN: 1369-7056

DT Journal; General Review

LA English

RE.CNT 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 31 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN

AN 2004:380365 SCISEARCH

GA The Genuine Article (R) Number: 812PW

TI \*\*\*BACE\*\*\* (beta-secretase) modulates the processing of APLP2 in vivo

AU Pastorino L; Ikin A F; Lamprianou S; Vacaresse N; Revelli J P; Platt K;  
Paganetti P; Mathews P M; Harroch S; Buxbaum J D (Reprint)

CS Mt Sinai Sch Med, Dept Psychiat, 1 Gustave L Levy Pl, Box 1668, New York,  
NY 10029 USA (Reprint); Mt Sinai Sch Med, Dept Psychiat, New York, NY  
10029 USA; Inst Pasteur, Unite Neurovirol & Regenerat Syst Nerveux, Paris,  
France; Lexicon Genet, The Woodlands, TX 77381 USA; Novartis Pharma AG,  
Nervous Syst, CH-4002 Basel, Switzerland; Nathan S Kline Inst Psychiat  
Res, Orangeburg, NY 10962 USA; Mt Sinai Sch Med, Dept Neurobiol, New York,  
NY 10029 USA

CYA USA; France; Switzerland

SO MOLECULAR AND CELLULAR NEUROSCIENCE, (APR 2004) Vol. 25, No. 4, pp.  
642-649.

Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE.1900, SAN  
DIEGO, CA 92101-4495 USA.

ISSN: 1044-7431.

DT Article; Journal

LA English

REC Reference Count: 45

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 32 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN

AN 2004:136136 SCISEARCH

GA The Genuine Article (R) Number: 769DQ

TI Rational design and synthesis of selective \*\*\*BACE\*\*\* -1 inhibitors

AU Brady S F; Singh S; Crouthamel M C; Holloway M K; Coburn C A; Garsky V M;  
Bogusky M; Pennington M W; Vacca J P; Hazuda D; Lai M T (Reprint)

CS Merck Res Labs, Dept Biol Chem, W Point, PA 19486 USA (Reprint); Merck Res  
Labs, Dept Med Chem, W Point, PA 19486 USA; Bachem Biosci Inc, King Of  
Prussia, PA 19406 USA

CYA USA

SO BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, (9 FEB 2004) Vol. 14, No. 3, pp.  
601-604.

Publisher: PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE,  
KIDLINGTON, OXFORD OX5 1GB, ENGLAND.

ISSN: 0960-894X.

DT Article; Journal

LA English

REC Reference Count: 29

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 33 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN

AN 2004:151975 SCISEARCH

GA The Genuine Article (R) Number: 770AA

TI Splice variants: A homology modeling approach

AU Furnham N; Ruffle S; Southan C (Reprint)

CS Oxford Glycosci UK Ltd, Forum, 86 Milton Pk, Abingdon OX14 4RY, Oxon,  
England (Reprint); Oxford Glycosci UK Ltd, Abingdon OX14 4RY, Oxon,  
England; Univ Exeter, Sch Biol & Chem Sci, Exeter EX4 4QJ, Devon, England

CYA England

SO PROTEINS-STRUCTURE FUNCTION AND GENETICS, (15 FEB 2004) Vol. 54, No. 3,  
pp. 596-608.

Publisher: WILEY-LISS, DIV JOHN WILEY & SONS INC, 605 THIRD AVE, NEW YORK,  
NY 10158-0012 USA.

ISSN: 0887-3585.

DT Article; Journal

LA English

REC Reference Count: 28

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 34 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN

AN 2004:635025 SCISEARCH

GA The Genuine Article (R) Number: 835QI

inhibitors of beta-secretase  
 AU Middendorp O (Reprint); Luthi U; Hausch F; Barberis A  
 CS ESBATech AG, CH-8952 Zurich, Switzerland (Reprint)  
 CYA Switzerland  
 SO BIOLOGICAL CHEMISTRY, (JUN 2004) Vol. 385, No. 6, pp. 481-485.  
 Publisher: WALTER DE GRUYTER & CO, GENTHINER STRASSE 13, D-10785 BERLIN,  
 GERMANY.  
 ISSN: 1431-6730.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 31  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 35 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2004:508940 SCISEARCH  
 GA The Genuine Article (R) Number: 822LY  
 TI Insights into the phosphoregulation of beta-secretase sorting signal by  
 the VHS domain of GGA1  
 AU Shiba T; Kametaka S; Kawasaki M; Shibata M; Waguri S; Uchiyama Y;  
 Wakatsuki S (Reprint)  
 CS High Energy Accelerator Res Org, Inst Mat Struct Sci, Photon Factory,  
 Struct Biol Res Ctr, Tsukuba, Ibaraki 3050801, Japan (Reprint); Osaka  
 Univ, Grad Sch Med, Dept Cell Biol & Neurosci, Suita, Osaka 5650871, Japan  
 CYA Japan  
 SO TRAFFIC, (JUN 2004) Vol. 5, No. 6, pp. 437-448.  
 Publisher: BLACKWELL MUNKSGAARD, 35 NORRE SOGADE, PO BOX 2148, DK-1016  
 COPENHAGEN, DENMARK.  
 ISSN: 1398-9219.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 42  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 36 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2004:595086 SCISEARCH  
 GA The Genuine Article (R) Number: 831QX  
 TI Letter to the Editor: Backbone resonance assignments of the 45.3 kDa  
 catalytic domain of human \*\*\*BACE1\*\*\*  
 AU Liu D J (Reprint); Wang Y S; Gesell J J; Wilson E; Beyer B M; Wyss D F  
 CS Schering Plough Corp, Res Inst, Dept Struct Chem, 2015 Galloping Hill Rd,  
 Kenilworth, NJ 07033 USA (Reprint); Schering Plough Corp, Res Inst, Dept  
 Struct Chem, Kenilworth, NJ 07033 USA  
 CYA USA  
 SO JOURNAL OF BIOMOLECULAR NMR, (JUL 2004) Vol. 29, No. 3, pp. 425-426.  
 Publisher: KLUWER ACADEMIC PUBL; VAN GODEWIJCKSTRAAT 30, 3311 GZ  
 DORDRECHT, NETHERLANDS.  
 ISSN: 0925-2738.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 10

L3 ANSWER 37 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2004:281738 SCISEARCH  
 GA The Genuine Article (R) Number: 803SZ  
 TI Transgenic \*\*\*BACE\*\*\* expression in mouse neurons accelerates amyloid  
 plaque pathology  
 AU Mohajeri M H (Reprint); Saini K D; Nitsch R M  
 CS Univ Zurich, Div Psychiat Res, August Forel Str 1, CH-8008 Zurich,  
 Switzerland (Reprint); Univ Zurich, Div Psychiat Res, CH-8008 Zurich,  
 Switzerland  
 CYA Switzerland  
 SO JOURNAL OF NEURAL TRANSMISSION, (MAR 2004) Vol. 111, No. 3, pp. 413-425.  
 Publisher: SPRINGER-VERLAG WIEN, SACHSENPLATZ 4-6, PO BOX 89, A-1201  
 VIENNA, AUSTRIA.  
 ISSN: 0300-9564.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 28  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 38 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN

GA The Genuine Article (R) Number: 8600C  
 TI Apo and inhibitor complex structures of \*\*\*BACE\*\*\* (beta-secretase)  
 AU Patel S; Vuillard L; Cleasby A; Murray C W; Yon J (Reprint)  
 CS Astex Technol, 436 Cambridge Sci Pk, Milton Rd, Cambridge CB4 0QA, England  
 (Reprint); Astex Technol, Cambridge CB4 0QA, England  
 CYA England  
 SO JOURNAL OF MOLECULAR BIOLOGY, (15 OCT 2004) Vol. 343, No. 2, pp. 407-416.  
 Publisher: ACADEMIC PRESS LTD ELSEVIER SCIENCE LTD, 24-28 OVAL RD, LONDON  
 NW1 7DX, ENGLAND.  
 ISSN: 0022-2836.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 50  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 39 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2004:670308 SCISEARCH  
 GA The Genuine Article (R) Number: 840XL  
 TI Long-term accumulation of amyloid-beta, beta-secretase, presenilin-1, and  
 caspase-3 in damaged axons following brain trauma  
 AU Chen X H; Siman R; Iwata A; Meaney D F; Trojanowski J Q; Smith D H  
 (Reprint)  
 CS Univ Penn, Sch Med, Dept Neurosurg, 105C Hayden Hall, 3320 Smithwalk,  
 Philadelphia, PA 19104 USA (Reprint); Univ Penn, Sch Med, Dept Neurosurg,  
 Philadelphia, PA 19104 USA; Univ Penn, Sch Med, Dept Pharmacol,  
 Philadelphia, PA 19104 USA; Univ Penn, Sch Med, Dept Bioengn,  
 Philadelphia, PA 19104 USA; Univ Penn, Sch Med, Dept Pathol & Lab Med,  
 Philadelphia, PA 19104 USA  
 CYA USA  
 SO AMERICAN JOURNAL OF PATHOLOGY, (AUG 2004) Vol. 165, No. 2, pp. 357-371.  
 Publisher: AMER SOC INVESTIGATIVE PATHOLOGY, INC, 9650 ROCKVILLE PIKE,  
 BETHESDA, MD 20814-3993 USA.  
 ISSN: 0002-9440.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 80  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 40 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2004:69642 SCISEARCH  
 GA The Genuine Article (R) Number: 760YC  
 TI P3 cap modified Phe]-Ala series \*\*\*BACE\*\*\* inhibitors  
 AU Chen S H (Reprint); Lamar J; Guo D Q; Kohn T; Yang H C; McGee J; Timm D;  
 Erickson J; Yip Y; May P; McCarthy J  
 CS Eli Lilly & Co, Lilly Res Labs, Discovery Chem Div & Technol, Lilly Corp  
 Ctr, Indianapolis, IN 46285 USA (Reprint)  
 CYA USA  
 SO BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, (5 JAN 2004) Vol. 14, No. 1, pp.  
 245-250.  
 Publisher: PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE,  
 KIDLINGTON, OXFORD OX5 1GB, ENGLAND.  
 ISSN: 0960-894X.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 28  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 41 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2004:69641 SCISEARCH  
 GA The Genuine Article (R) Number: 760YC  
 TI Phe]-Ala-based pentapeptide mimetics are \*\*\*BACE\*\*\* inhibitors: P2 and  
 P3SAR  
 AU Lamar J; Hu J D; Bueno A B; Yang H C; Guo D Q; Copp J D; McGee J; Gitter  
 B; Timm D; May P; McCarthy J; Chen S H (Reprint)  
 CS Eli Lilly & Co, Lilly Res Labs, Lilly Corp Ctr, Indianapolis, IN 46285 USA  
 (Reprint)  
 CYA USA  
 SO BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, (5 JAN 2004) Vol. 14, No. 1, pp.  
 239-243.  
 Publisher: PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE,  
 KIDLINGTON, OXFORD OX5 1GB, ENGLAND.  
 ISSN: 0960-894X.

LA English  
REC Reference Count: 26  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 42 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN  
AN 2004:287424 SCISEARCH  
GA The Genuine Article (R) Number: 803LU  
TI A general procedure for the purification of human beta-secretase expressed  
in Escherichia coli  
AU Sardana V (Reprint); Xu B; Zugay-Murphy J; Chen Z G; Sardana M; Darke P L;  
Munshi S; Kuo L C  
CS Merck Res Labs, Dept Biol Struct, W Point, PA 19486 USA (Reprint); Merck  
Res Labs, Dept Biol Chem, W Point, PA 19486 USA  
CYA USA  
SO PROTEIN EXPRESSION AND PURIFICATION, (APR 2004) Vol. 34, No. 2, pp.  
190-196.  
Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE 1900, SAN  
DIEGO, CA 92101-4495 USA.  
ISSN: 1046-5928.  
DT Article; Journal  
LA English  
REC Reference Count: 25  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 43 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN  
AN 2004:75349 SCISEARCH  
GA The Genuine Article (R) Number: 762MM  
TI Mutant presenilins specifically elevate the levels of the 42 residue  
beta-amyloid peptide in vivo: evidence for augmentation of a 42-specific  
gamma secretase  
AU Jankowsky J L; Fadale D J; Anderson J; Xu G M; Gonzales V; Jenkins N A;  
Copeland N G; Lee M K; Younkin L H; Wagner S L; Younkin S G; Borchelt D R  
(Reprint)  
CS Johns Hopkins Univ, Sch Med, Dept Pathol, 558 Ross Res Bldg, 720 Rutland  
Ave, Baltimore, MD 21205 USA (Reprint); Johns Hopkins Univ, Sch Med, Dept  
Pathol, Baltimore, MD 21205 USA; Johns Hopkins Univ, Sch Med, Dept  
Neurosci, Baltimore, MD 21205 USA; Mayo Clin Jacksonville, Jacksonville,  
FL 32224 USA; Merck Res Labs, La Jolla, CA 92037 USA; NCI, Mouse Canc  
Genet Program, Frederick Canc Res & Dev Ctr, Frederick, MD 21702 USA;  
Neurogenet Inc, La Jolla, CA 92037 USA  
CYA USA  
SO HUMAN MOLECULAR GENETICS, (15 JAN 2004) Vol. 13, No. 2, pp. 159-170.  
Publisher: OXFORD UNIV PRESS, GREAT CLARENDON ST, OXFORD OX2 6DP, ENGLAND.  
ISSN: 0964-6906.  
DT Article; Journal  
LA English  
REC Reference Count: 80  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 44 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN  
AN 2004:243575 SCISEARCH  
GA The Genuine Article (R) Number: 780BD  
TI Design and synthesis of hydroxyethylene-based peptidomimetic inhibitors of  
human beta-secretase  
AU Hom R K; Gailunas A F; Mamo S; Fang L Y; Tung J S; Walker D E; Davis D;  
Thorsett E D; Jewett N E; Moon J B; John V (Reprint)  
CS Elan, 800 Gateway Blvd, San Francisco, CA 94080 USA (Reprint); Elan, San  
Francisco, CA 94080 USA; Pfizer Corp, Kalamazoo, MI 49007 USA  
CYA USA  
SO JOURNAL OF MEDICINAL CHEMISTRY, (1 JAN 2004) Vol. 47, No. 1, pp. 158-164.  
Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036 USA.  
ISSN: 0022-2623.  
DT Article; Journal  
LA English  
REC Reference Count: 22  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 45 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN  
AN 2004:286851 SCISEARCH  
GA The Genuine Article (R) Number: 802QO  
TI A beta 5-secretase ( \*\*\*BACE1\*\*\* ) inhibitor hispidin from the mycelial

AU Park I H; Jeon S Y; Lee H J; Kim S I; Song K S (Reprint)  
 CS Kyungpook Natl Univ, Coll Agr & Life Sci, Div Appl Biol & Chem, 1370  
 Sankyuk Dong, Taegu 702701, South Korea (Reprint); Kyungpook Natl Univ,  
 Coll Agr & Life Sci, Div Appl Biol & Chem, Taegu 702701, South Korea  
 CYA South Korea  
 SO PLANTA MEDICA, (FEB 2004) Vol. 70, No. 2, pp. 143-146.  
 Publisher: GEORG THIEME VERLAG KG, RUDIGERSTR 14, D-70469 STUTTGART,  
 GERMANY.  
 ISSN: 0032-0943.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 24  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 46 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2004:781950 SCISEARCH  
 GA The Genuine Article (R) Number: 849EO  
 TI Amyloid precursor protein compartmentalization restricts beta-amyloid  
 production - Therapeutic targets based on \*\*\*BACE\*\*\*  
 compartmentalization  
 AU Gandhi S; Refolo L M; Sambamurti K (Reprint)  
 CS Med Univ S Carolina, Charleston, SC 29425 USA (Reprint); Inst Study Aging,  
 New York, NY USA  
 CYA USA  
 SO JOURNAL OF MOLECULAR NEUROSCIENCE, (AUG 2004) Vol. 24, No. 1, pp. 137-143.  
 Publisher: HUMANA PRESS INC, 999 RIVERVIEW DRIVE SUITE 208, TOTOWA, NJ  
 07512 USA.  
 ISSN: 0895-8696.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 35  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 47 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2004:356397 SCISEARCH  
 GA The Genuine Article (R) Number: 810BO  
 TI Down syndrome and beta-amyloid deposition  
 AU Head E (Reprint); Lott I T  
 CS Univ Calif Irvine, Inst Brain Aging & Dementia, Dept Neurol, 1259  
 Gillespie Neurosci Res Facil, Irvine, CA 92697 USA (Reprint); Univ Calif  
 Irvine, Inst Brain Aging & Dementia, Dept Neurol, Irvine, CA 92697 USA;  
 Univ Calif Irvine, Dept Pediat, Mental Retardat Ctr, Irvine, CA 92717 USA  
 CYA USA  
 SO CURRENT OPINION IN NEUROLOGY, (APR 2004) Vol. 17, No. 2, pp. 95-100.  
 Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA  
 19106-3621 USA.  
 ISSN: 1350-7540.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 62  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 48 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2004:435265 CAPLUS  
 TI Rational Design of Peptidomimetic \*\*\*BACE1\*\*\* Inhibitors Through  
 Iterative Structure-Based Approach  
 AU Fan, Kristi; Hu, Baihua; Kristie, Bridges; Cole, Derek; Manas, Eric;  
 Chopra, Rajiv; Katz, Alan H.; Alvarez, Juan; Jin, Guixiang; Cowling,  
 Rebecca; Bard, Jonathan  
 CS Chemical and Screening Sciencies, Wyeth Research, Monmouth Junction, NJ,  
 08852, USA  
 SO Abstracts, 36th Central Regional Meeting of the American Chemical Society,  
 Indianapolis, IN, United States, June 2-4 (2004), INV-078 Publisher:  
 American Chemical Society, Washington, D. C.  
 CODEN: 69FMAU  
 DT Conference; Meeting Abstract

L3 ANSWER 49 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2004:435264 CAPLUS  
 TI Design of \*\*\*BACE\*\*\* Inhibitors Using Structural and Statistical Tools  
 AU Erickson, Jon  
 CS Computational Chemistry, Eli Lilly, Indianapolis, IN, 46285, USA  
 SO Abstracts, 36th Central Regional Meeting of the American Chemical Society,

American Chemical Society, Washington, D. C.  
 CODEN: 69FMAU  
 DT Conference; Meeting Abstract

L3 ANSWER 50 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2004:435263 CAPLUS  
 TI Modeling the Active Site of Beta-Secretase  
 AU Reynolds, Charles H.; Rajamani, Ramkumar; Tounge, Brett A.  
 CS Computer-aided Drug Discovery, Johnson & Johnson Pharmaceutical Research  
 and Development, L.L.C., Spring House, PA, 19477, USA  
 SO Abstracts, 36th Central Regional Meeting of the American Chemical Society,  
 Indianapolis, IN, United States, June 2-4 (2004), INV-076 Publisher:  
 American Chemical Society, Washington, D. C.  
 CODEN: 69FMAU  
 DT Conference; Meeting Abstract

L3 ANSWER 51 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2004:435262 CAPLUS  
 TI Structure Based Design of Inhibitors of Human Brain \*\*\*Memapsin\*\*\*  
 \*\*\*2\*\*\* (beta-Secretase)  
 AU Ghosh, Arun K.  
 CS Chemistry, University of Illinois at Chicago, Chicago, IL, 60607, USA  
 SO Abstracts, 36th Central Regional Meeting of the American Chemical Society,  
 Indianapolis, IN, United States, June 2-4 (2004), INV-075 Publisher:  
 American Chemical Society, Washington, D. C.  
 CODEN: 69FMAU  
 DT Conference; Meeting Abstract

L3 ANSWER 52 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2004:833373 SCISEARCH  
 GA The Genuine Article (R) Number: 853EC  
 TI Yeast growth selection system for the identification of cell-active  
 inhibitors of beta-secretase  
 AU Middendorp O; Ortler C; Neumann U; Paganetti P; Luthi U; Barberis A  
 (Reprint)  
 CS ESBATech AG, Wagistr 21, CH-8952 Zurich, Switzerland (Reprint); ESBATech  
 AG, CH-8952 Zurich, Switzerland; Novartis Inst Biomed Res, Neurosci Res,  
 CH-4002 Basel, Switzerland  
 CYA Switzerland  
 SO BIOCHIMICA ET BIOPHYSICA ACTA-GENERAL SUBJECTS, (6 SEP 2004) Vol. 1674,  
 No. 1, pp. 29-39.  
 Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM;  
 NETHERLANDS.  
 ISSN: 0304-4165.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 42  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 53 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2004:469279 SCISEARCH  
 GA The Genuine Article (R) Number: 821TQ  
 TI Increased beta-secretase activity and expression in rats following  
 transient cerebral ischemia  
 AU Wen Y; Onyewuchi O; Yang S H; Liu R; Simpkins J W (Reprint)  
 CS Univ N Texas, Hlth Sci Ctr, Dept Pharmacol & Neurosci, 3500 Camp Bowie  
 Blvd, Ft Worth, TX 76107 USA (Reprint); Univ N Texas, Hlth Sci Ctr, Dept  
 Pharmacol & Neurosci, Ft Worth, TX 76107 USA  
 CYA USA  
 SO BRAIN RESEARCH, (29 MAY 2004) Vol. 1009, No. 1-2, pp. 1-8.  
 Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM,  
 NETHERLANDS.  
 ISSN: 0006-8993.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 50  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 54 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2004:415373 SCISEARCH  
 GA The Genuine Article (R) Number: 816KM  
 TI Gene structure and organization of the human beta-secretase ( \*\*\*BACE\*\*\*

AU Sāmbamurti K; Kinsey R; Maloney B; Ge Y W; Lahiri D K (Reprint)  
 CS 791 N Union Dr, Indianapolis, IN 46206 USA (Reprint); Med Univ S Carolina,  
 Charleston, SC 29425 USA; Indiana Univ, Sch Med, Inst Psychiat Res, Dept  
 Psychiat, Indianapolis, IN 46202 USA; Indiana Univ, Sch Med, Inst Psychiat  
 Res, Dept Med & Mol Genet, Indianapolis, IN 46202 USA  
 CYA USA  
 SO FASEB JOURNAL, (APR 2004) Vol. 18, No. 6.  
 Publisher: FEDERATION AMER SOC EXP BIOL, 9650 ROCKVILLE PIKE, BETHESDA, MD  
 20814-3998 USA.  
 ISSN: 0892-6638.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 41  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 55 OF 170 IMSDRUGNEWS COPYRIGHT 2005 IMSWORLD on STN

ACCESSION NUMBER: 2003:521 IMSDRUGNEWS  
 TITLE: \*\*\*memapsin\*\*\* \*\*\*2\*\*\* inhibitors, Zapaq Zapaq  
 developing Alzheimer's disease therapy  
 SOURCE: R&D Focus Drug News (10 Feb 2003).  
 WORD COUNT: 75

L3 ANSWER 56 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 3  
 AN 2003:696606 CAPLUS  
 DN 139:225484  
 TI Doubly transgenic mice overexpressing human .beta.-secretase and human  
 amyloid precursor protein (APP) London mutant and uses thereof  
 IN Jacobsen, Helmut; Mosbach-Ozmen, Laurence; Nelboeck-Hochstetter, Peter  
 PA Germany  
 SO U.S. Pat. Appl. Publ., 46 pp.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003167486	A1	20030904	US 2003-372730	20030224
	EP 1340424	A1	20030903	EP 2003-3183	20030219
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LI, LU, MC, NL, PT, SE, SI, SK, TR				
	JP 2003299490	A2	20031021	JP 2003-55597	20030303
PRAI	EP 2002-4331	A	20020301		

L3 ANSWER 57 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 4  
 AN 2003:261103 CAPLUS  
 DN 138:266846  
 TI Transgenic animals models of Alzheimer's disease with mutant human amyloid  
 precursor protein and screening anti-Alzheimer's agents  
 IN Harper, Alexander James  
 PA SmithKline Beecham P.L.C., UK  
 SO Brit. UK Pat. Appl., 26 pp.  
 CODEN: BAXXDU  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2380196	A1	20030402	GB 2002-19386	20020820
PRAI	GB 2001-20344	A	20010821		

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 58 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 5  
 AN 2003:150589 CAPLUS  
 DN 138:182058  
 TI Transgenic animal model of Alzheimer's disease  
 IN Geppert, Martin; Harper, Alexander James; Harrison, Steve Mark; Prosser,  
 Hayon  
 PA Smithkline Beecham PLC, UK  
 SO Eur. Pat. Appl., 15 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA English  
 FAN.CNT 1

PI	EP 1285578	A2	20030226	EP 2002-78428	20020820
	EP 1285578	A3	20030917		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
	US 2004154049	A1	20040805	US 2002-223837	20020820
PRAI	GB 2001-20342	A	20010821		
	GB 2001-26723	A	20011107		

L3 ANSWER 59 OF 170 USPATFULL on STN  
AN 2003:334996 USPATFULL  
TI Assay method  
IN Small, David Henry, Ashburton, AUSTRALIA  
Subasinghe, Supundi, Endeavour Hills, AUSTRALIA  
Aguilar, Marie-Isabel, Warrandyte, AUSTRALIA  
PI US 2003235872 A1 20031225  
AI US 2003-465444 A1 20030619 (10)  
PRAI WO 2002-AU3064 20020620  
US 2002-392761P 20020701 (60)

DT Utility  
FS APPLICATION  
LN.CNT 1304  
INCL INCLM: 435/007.200  
INCLS: 435/287.200  
NCL NCLM: 435/007.200  
NCLS: 435/287.200  
IC [7]

ICM: G01N033-53  
ICS: G01N033-567; C12M001-34

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 60 OF 170 USPATFULL on STN  
AN 2003:276720 USPATFULL  
TI Cysteine mutants and methods for detecting ligand binding to biological molecules  
IN McDowell, Robert S., San Francisco, CA, UNITED STATES  
Flanagan, W. Michael, Menlo Park, CA, UNITED STATES  
PI US 2003194745 A1 20031016  
AI US 2002-214419 A1 20020805 (10)  
RLI Continuation-in-part of Ser. No. US 2001-981547, filed on 17 Oct 2001, PENDING Division of Ser. No. US 1998-105372, filed on 26 Jun 1998, GRANTED, Pat. No. US 6335155 Continuation-in-part of Ser. No. US 2001-990421, filed on 21 Nov 2001, PENDING Continuation-in-part of Ser. No. US 2002-121216, filed on 10 Apr 2002, PENDING  
PRAI US 2001-310725P 20010807 (60)

DT Utility  
FS APPLICATION  
LN.CNT 3109  
INCL INCLM: 435/007.100  
INCLS: 702/019.000  
NCL NCLM: 435/007.100  
NCLS: 702/019.000  
IC [7]

ICM: G01N033-53  
ICS: G06F019-00; G01N033-48; G01N033-50

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 61 OF 170 USPATFULL on STN  
AN 2003:226424 USPATFULL  
TI Combination of antioxidant substances for the treatment of alzheimer's disease  
IN Saragovi, Uri, Montreal, CANADA  
Bassili, Joseph, Montreal, CANADA  
Elfarrah, Khassam, Dollard-des-Ormeaux, CANADA  
PA Colba R & D Inc., St-Laurent, CANADA (non-U.S. corporation)  
PI US 2003158237 A1 20030821  
AI US 2002-235613 A1 20020904 (10)  
PRAI CA 2001-2357053 20010904  
DT Utility  
FS APPLICATION  
LN.CNT 1174  
INCL INCLM: 514/356.000  
INCLS: 514/456.000; 514/458.000; 514/570.000; 514/533.000  
NCL NCLM: 514/356.000  
NCLS: 514/456.000; 514/458.000; 514/570.000; 514/533.000

ICM: A61K031-455

ICS: A61K031-353; A61K031-192; A61K031-355; A61K031-235

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 62 OF 170 USPATFULL on STN

AN 2003:38351 USPATFULL

TI Novel genes encoding proteins having prognostic, diagnostic, preventive, therapeutic, and other uses

IN Holtzman, Douglas A., Jamaica Plain, MA, UNITED STATES

Barnes, Thomas M., Brookline, MA, UNITED STATES

PI US 2003027998 A1 20030206

AI US 2001-796753 A1 20010301 (9)

RLI Continuation-in-part of Ser. No. US 1998-183175, filed on 30 Oct 1998, ABANDONED Continuation-in-part of Ser. No. US 2000-599596, filed on 22 Jun 2000, ABANDONED Division of Ser. No. US 1998-223546, filed on 30 Dec 1998, ABANDONED Division of Ser. No. US 1999-471179, filed on 23 Dec 1999, PENDING Continuation-in-part of Ser. No. US 1998-223546, filed on 30 Dec 1998, ABANDONED Continuation-in-part of Ser. No. US 1999-474072, filed on 29 Dec 1999, PENDING Continuation-in-part of Ser. No. US 1998-224246, filed on 30 Dec 1998, ABANDONED Continuation-in-part of Ser. No. US 1999-474071, filed on 29 Dec 1999, ABANDONED Continuation-in-part of Ser. No. US 1998-223094, filed on 30 Dec 1998, ABANDONED Continuation-in-part of Ser. No. US 2000-514010, filed on 25 Feb 2000, ABANDONED Continuation-in-part of Ser. No. US 1999-259388, filed on 26 Feb 1999, ABANDONED Continuation-in-part of Ser. No. US 2000-516745, filed on 1 Mar 2000, ABANDONED Continuation-in-part of Ser. No. US 2000-597993, filed on 19 Jun 2000, PENDING Continuation-in-part of Ser. No. US 1999-336536, filed on 18 Jun 1999, PENDING Continuation-in-part of Ser. No. US 2000-630334, filed on 31 Jul 2000, PENDING Continuation-in-part of Ser. No. US 1999-365164, filed on 30 Jul 1999, ABANDONED Continuation-in-part of Ser. No. US 2000-665666, filed on 20 Sep 2000, PENDING Continuation-in-part of Ser. No. US 1999-399723, filed on 20 Sep 1999, ABANDONED Continuation-in-part of Ser. No. US 2000-667751, filed on 21 Sep 2000, PENDING Continuation-in-part of Ser. No. US 1999-409634, filed on 30 Sep 1999, ABANDONED Continuation-in-part of Ser. No. US 2000-572002, filed on 15 May 2000, PENDING Continuation-in-part of Ser. No. US 1999-312359, filed on 14 May 1999, ABANDONED Continuation-in-part of Ser. No. US 2000-606565, filed on 29 Jun 2000, PENDING Continuation-in-part of Ser. No. US 1999-342687, filed on 29 Jun 1999, ABANDONED Continuation-in-part of Ser. No. US 2000-606317, filed on 29 Jun 2000, PENDING Continuation-in-part of Ser. No. US 1999-345464, filed on 30 Jun 1999, ABANDONED

PRAI US 1999-122458P 19990301 (60)

DT Utility

FS APPLICATION

LN.CNT 22222

INCL INCLM: 536/023.100

NCL NCLM: 536/023.100

IC [7]

ICM: C07H021-02

ICS: C07H021-04

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 63 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation. on STN

AN 2003:803524 SCISEARCH

GA The Genuine Article (R) Number: 721LR

TI Characterization of the ectodomain shedding of the beta-site amyloid precursor protein-cleaving enzyme 1 ( \*\*\*BACE1\*\*\* )

AU Hussain I (Reprint); Hawkins J; Shikotra A; Riddell D R; Fallor A; Dingwall C

CS GlaxoSmithKline Res & Dev Ltd, Neurol & Gastrointestinal Ctr Excellence Drug Dis, New Frontiers Sci Pk, 3rd Ave, Harlow CM19 5AW, Essex, England (Reprint); GlaxoSmithKline Res & Dev Ltd, Neurol & Gastrointestinal Ctr Excellence Drug Dis, Harlow CM19 5AW, Essex, England

CYA England

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (19 SEP 2003) Vol. 278, No. 38, pp. 36264-36268.

Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3996 USA.

ISSN: 0021-9258.

DT Article; Journal

LA English

REC Reference Count: 36

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 64 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2003:717793 SCISEARCH  
 GA The Genuine Article (R) Number: 712DP  
 TI Antagonistic effects of beta-site amyloid precursor protein-cleaving  
 enzymes 1 and 2 on beta-amyloid peptide production in cells  
 AU Basi G (Reprint); Frigon N; Barbour R; Doan T; Gordon G; McConlogue L;  
 Sinha S; Zeller M  
 CS Elan Pharmaceut, 800 Gateway Blvd, San Francisco, CA 94080 USA (Reprint);  
 Elan Pharmaceut, San Francisco, CA 94080 USA  
 CYA USA  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (22 AUG 2003) Vol. 278, No. 34, pp.  
 31512-31520.  
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE  
 PIKE, BETHESDA, MD 20814-3996 USA.  
 ISSN: 0021-9258.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 47  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 65 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2003:582927 SCISEARCH  
 GA The Genuine Article (R) Number: 697AN  
 TI \*\*\*BACE1\*\*\* - and BACE2-expressing human cells - Characterization of  
 beta-amyloid precursor protein-derived catabolites, design of a novel  
 fluorimetric assay, and identification of new in vitro inhibitors  
 AU Andrau D; Dumanchin-Njock C; Ayrat E; Vizzavona J; Farzan M; Boisbrun M;  
 Fulcrand P; Hernandez J F; Martinez J; Lefranc-Jullien S; Checler F  
 (Reprint)  
 CS Inst Pharmacol Mol & Cellulaire, CNRS, UMR 6097, 660 Route Lucioles,  
 F-06560 Valbonne, France (Reprint); Inst Pharmacol Mol & Cellulaire, CNRS,  
 UMR 6097, F-06560 Valbonne, France; Lab Amino Acides Peptides & Prot,  
 CNRS, UMR 5810, F-34093 Montpellier, France; Harvard Univ, Sch Med,  
 Boston, MA 02115 USA  
 CYA France; USA  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (11 JUL 2003) Vol. 278, No. 28, pp.  
 25859-25866.  
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE  
 PIKE, BETHESDA, MD 20814-3996 USA.  
 ISSN: 0021-9258.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 71  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 66 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2003:490497 SCISEARCH  
 GA The Genuine Article (R) Number: 684WY  
 TI beta-secretase cleavage at amino acid residue 34 in the amyloid beta  
 peptide is dependent upon gamma-secretase activity  
 AU Shi X P (Reprint); Tugusheva K; Bruce J E; Lucka A; Wu G X; Chen-Dodson E;  
 Price E; Li Y M; Xu M; Huang Q; Sardana M K; Hazuda D J  
 CS Merck Res Labs, Dept Biol Chem, WP16-205, W Point, PA 19486 USA (Reprint);  
 Merck Res Labs, Dept Biol Chem, W Point, PA 19486 USA  
 CYA USA  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (6 JUN 2003) Vol. 278, No. 23, pp.  
 21286-21294.  
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE  
 PIKE, BETHESDA, MD 20814-3996 USA.  
 ISSN: 0021-9258.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 31  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 67 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2003:476192 SCISEARCH  
 GA The Genuine Article (R) Number: 682EH  
 TI Ceramide stabilizes beta-site amyloid precursor protein-cleaving enzyme 1  
 and promotes amyloid beta-peptide biogenesis  
 AU Puglielli L; Ellis B C; Saunders A J; Kovacs D M (Reprint)

Aging Res Unit, CAGN, 114 16th St, Charlestown, MA 02129 USA (Reprint);  
Harvard Univ, Sch Med, Massachusetts Gen Hosp, Neurobiol Dis Lab, Genet &  
Aging Res Unit, CAGN, Charlestown, MA 02129 USA

CYA USA  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (30 MAY 2003) Vol. 278, No. 22, pp.  
19777-19783.

Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE  
PIKE, BETHESDA, MD 20814-3996 USA.

ISSN: 0021-9258.

DT Article; Journal

LA English

REC Reference Count: 28

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 68 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN

AN 2003:431664 SCISEARCH

GA The Genuine Article (R) Number: 677QG

TI Endoproteolysis of beta-secretase (beta-site amyloid precursor  
protein-cleaving enzyme) within its catalytic domain - A potential  
mechanism for regulation

AU Huse J T; Byant D; Yang Y X; Pijak D S; D'Souza I; Lah J J; Lee V M Y;  
Doms R W; Cook D G (Reprint)

CS Univ Washington, Sch Med, Vet Affairs Puget Sound Hlth Care Syst, Geriatr  
Res Educ & Clin Ctr 182B, 1660 S Columbian Way, Seattle, WA 98108 USA  
(Reprint); Univ Washington, Sch Med, Vet Affairs Puget Sound Hlth Care  
Syst, Geriatr Res Educ & Clin Ctr 182B, Seattle, WA 98108 USA; Univ  
Washington, Sch Med, Dept Med, Seattle, WA 98108 USA; Univ Penn, Sch Med,  
Dept Microbiol, Philadelphia, PA 19104 USA; Univ Penn, Sch Med, Ctr  
Neurodegenerat Dis Res, Philadelphia, PA 19104 USA; Emory Univ, Sch Med,  
Dept Neurol, Atlanta, GA 30322 USA

CYA USA

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (9 MAY 2003) Vol. 278, No. 19, pp.  
17141-17149.

Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE  
PIKE, BETHESDA, MD 20814-3996 USA.

ISSN: 0021-9258.

DT Article; Journal

LA English

REC Reference Count: 60

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 69 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN

AN 2004:40158 SCISEARCH

GA The Genuine Article (R) Number: 757RG

TI Determination of the active site protonation state of beta-secretase from  
molecular dynamics simulation and docking experiment: Implications for  
structure-based inhibitor design

AU Park H (Reprint); Lee S

CS Seoul Natl Univ, Sch Chem & Mol Engrg, Seoul 151747, South Korea (Reprint);  
Seoul Natl Univ, Ctr Mol Catalysis, Seoul 151747, South Korea

CYA South Korea

SO JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, (31 DEC 2003) Vol. 125, No. 52,  
pp. 16416-16422.

Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036 USA.

ISSN: 0002-7863.

DT Article; Journal

LA English

REC Reference Count: 47

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 70 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN

AN 2003:377219 SCISEARCH

GA The Genuine Article (R) Number: 672HX

TI Identification of phospholipid scramblase 1 as a novel interacting  
molecule with beta-secretase (beta-site amyloid precursor protein (APP)  
cleaving enzyme ( \*\*\*BACE\*\*\* ))

AU Kametaka S; Shibata M; Moroe K; Kanamori S; Ohsawa Y; Waguri S; Sims P J;  
Emoto K; Umeda M; Uchiyama Y (Reprint)

CS Osaka Univ, Grad Sch Med, Dept Cell Biol & Neurosci A1, 2-2 Yamadaoka,  
Suita, Osaka 5650871, Japan (Reprint); Osaka Univ, Grad Sch Med, Dept Cell  
Biol & Neurosci A1, Suita, Osaka 5650871, Japan; Scripps Res Inst, La  
Jolla, CA 92037 USA; Tokyo Metropolitan Inst Med Sci RINSHOKEN, Dept Mol

CYA Japan; USA  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (25 APR 2003) Vol. 278, No. 17, pp. 15239-15245.  
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3996 USA.  
 ISSN: 0021-9258.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 49  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 71 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2003:930522 SCISEARCH  
 GA The Genuine Article (R) Number: 735UX  
 TI Biochemical and structural characterization of the interaction of  
 \*\*\*\*memapsin\*\*\* \*\*\*\*2\*\*\* (beta-secretase) cytosolic domain with the  
 VHS domain of GGA proteins  
 AU He X Y; Zhu G Y; Koelsch G; Rodgers K K; Zhang X J C; Tang J (Reprint)  
 CS Oklahoma Med Res Fdn, Prot Studies Program, 825 NE 13th St, Oklahoma City, OK 73104 USA (Reprint); Oklahoma Med Res Fdn, Prot Studies Program, Oklahoma City, OK 73104 USA; Oklahoma Med Res Fdn, Crystallog Program, Oklahoma City, OK 73104 USA; Univ Oklahoma, Hlth Sci Ctr, Dept Biochem & Mol Biol, Oklahoma City, OK 73104 USA  
 CYA USA  
 SO BIOCHEMISTRY, (28 OCT 2003) Vol. 42, No. 42, pp. 12174-12180.  
 Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036 USA.  
 ISSN: 0006-2960.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 33  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 72 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2003:872332 SCISEARCH  
 GA The Genuine Article (R) Number: 727XG  
 TI Exclusively targeting beta-secretase to lipid rafts by GPI-anchor addition up-regulates beta-site processing of the amyloid precursor protein  
 AU Cordy J M; Hussain I; Dingwall C; Hooper N M; Turner A J (Reprint)  
 CS Univ Leeds, Sch Biochem & Mol Biol, Proteolysis Res Grp, Leeds LS2 9JT, W Yorkshire, England (Reprint); GlaxoSmithKline Res & Dev Ltd, Dept Alzheimers Dis Res, Neurol & GI Ctr Excellence Drug Discovery, Harlow CM19 5AW, Essex, England  
 CYA England  
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (30 SEP 2003) Vol. 100, No. 20, pp. 11735-11740.  
 Publisher: NATL ACAD SCIENCES, 2101 CONSTITUTION AVE NW, WASHINGTON, DC 20418 USA.  
 ISSN: 0027-8424.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 36  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 73 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 6  
 AN 2003:886112 CAPLUS  
 DN 140:210508  
 TI Nonsteroidal anti-inflammatory drugs and peroxisome proliferator-activated receptor-.gamma. agonists modulate immunostimulated processing of amyloid precursor protein through regulation of .beta.-secretase  
 AU Sastre, Magdalena; Dewachter, Ilse; Landreth, Gary E.; Willson, Timothy M.; Klockgether, Thomas; van Leuven, Fred; Heneka, Michael T.  
 CS Department of Neurology, University of Bonn, Bonn, 53127, Germany  
 SO Journal of Neuroscience (2003), 23(30), 9796-9804  
 CODEN: JNRSDS; ISSN: 0270-6474  
 PB Society for Neuroscience  
 DT Journal  
 LA English  
 RE.CNT 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 74 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2003:198541 SCISEARCH

TI The transmembrane domain of the amyloid precursor protein in microsomal  
 membranes is on both sides shorter than predicted  
 AU Grziwa B (Reprint); Grimm M O W; Masters C L; Beyreuther K; Hartmann T;  
 Lichtenthaler S F  
 CS Univ Heidelberg, Ctr Mol Biol, INF 282, D-69120 Heidelberg, Germany  
 (Reprint); Univ Heidelberg, Ctr Mol Biol, D-69120 Heidelberg, Germany;  
 Univ Melbourne, Dept Pathol, Parkville, Vic 3052, Australia; Harvard Univ,  
 Sch Med, Massachusetts Gen Hosp, Boston, MA 02114 USA  
 CYA Germany; Australia; USA  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (28 FEB 2003) Vol. 278, No. 9, pp.  
 6803-6808.  
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE  
 PIKE, BETHESDA, MD 20814-3996 USA.  
 ISSN: 0021-9258.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 47  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 75 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2003:198667 SCISEARCH  
 GA The Genuine Article (R) Number: 648BF  
 TI Identification of a beta-secretase activity, which truncates amyloid  
 beta-peptide after its presenilin-dependent generation  
 AU Fluhrer R; Multhaup G; Schlicksupp A; Okochi M; Takeda M; Lammich S;  
 Willem M; Westmeyer G; Bode W; Walter J (Reprint); Haass C  
 CS Univ Munich, Dept Biochem, Adolf Butenandt Inst, Lab Alzheimers &  
 Parkinsons Dis Res, Schillerstr 44, D-80336 Munich, Germany (Reprint);  
 Univ Munich, Dept Biochem, Adolf Butenandt Inst, Lab Alzheimers &  
 Parkinsons Dis Res, D-80336 Munich, Germany; Univ Heidelberg, ZMBH, Ctr  
 Biol Mol, D-6900 Heidelberg, Germany; Osaka Univ, Grad Sch Med, Div  
 Psychiat & Behav Prote, Dept Postgeonomics & Dis, Osaka 5650871, Japan;  
 Max Planck Inst Biochem, D-82152 Martinsried, Germany  
 CYA Germany; Japan  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (21 FEB 2003) Vol. 278, No. 8, pp.  
 5531-5538.  
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE  
 PIKE, BETHESDA, MD 20814-3996 USA.  
 ISSN: 0021-9258.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 69  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 76 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 7  
 AN 2003:747149 CAPLUS  
 DN 139:301143  
 TI Human .beta.-Secretase ( \*\*\*BACE\*\*\* ) and \*\*\*BACE\*\*\* Inhibitors  
 AU John, Varghese; Beck, James P.; Bienkowski, Michael J.; Sinha, Sukanto;  
 Heinrikson, Robert L.  
 CS Elan Pharmaceuticals, South San Francisco, CA, 94080, USA  
 SO Journal of Medicinal Chemistry (2003), 46(22), 4625-4630  
 CODEN: JMCMAR; ISSN: 0022-2623  
 PB American Chemical Society  
 DT Journal; General Review  
 LA English  
 RE.CNT 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 77 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2003:178675 SCISEARCH  
 GA The Genuine Article (R) Number: 645GY  
 TI Secretion and intracellular generation of truncated A beta in beta-Site  
 Amyloid-beta precursor protein-cleaving enzyme expressing human neurons  
 AU Lee E B; Skovronsky D M; Abtahian F; Doms R W; Lee V M Y (Reprint)  
 CS Hosp Univ Penn, Ctr Neurodegenerat Dis Res, Dept Pathol & Lab Med, Maloney  
 3, Philadelphia, PA 19104 USA (Reprint); Univ Penn, Sch Med, Ctr  
 Neurodegenerat Dis Res, Dept Pathol & Lab Med, Philadelphia, PA 19104 USA;  
 Univ Penn, Sch Med, Dept Microbiol, Philadelphia, PA 19104 USA  
 CYA USA  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (14 FEB 2003) Vol. 278, No. 7, pp.  
 4458-4466.  
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE

DT ISSN: 0021-9258.  
 LA Article; Journal  
 REC English  
 Reference Count: 69  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 78 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2003:1091862 SCISEARCH  
 GA The Genuine Article (R) Number: 750RF  
 TI Design and synthesis of statine-containing \*\*\*BACE\*\*\* inhibitors  
 AU Hu J D (Reprint); Cwi C L; Smiley D L; Timm D; Erickson J A; McGee J E;  
 Yang H C; Mendel D; May P C; Shapiro M; McCarthy J R  
 CS Eli Lilly & Co, Lilly Corp Ctr, Lilly Res Labs, Indianapolis, IN 46285 USA  
 (Reprint)  
 CYA USA  
 SO BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, (15 DEC 2003) Vol. 13, No. 24,  
 pp. 4335-4339.  
 Publisher: PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE,  
 KIDLINGTON, OXFORD OX5 1GB, ENGLAND.  
 ISSN: 0960-894X.

DT Article; Journal  
 LA English  
 REC Reference Count: 31  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 79 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2003:816890 CAPLUS  
 DN 140:12906  
 TI Efficient inhibition of .beta.-secretase gene expression in HEK293 cells  
 by tRNAVal-driven and CTE-helicase associated hammerhead ribozymes  
 AU Nawrot, Barbara; Antoszczyk, Slawomir; Maszewska, Maria; Kuwabara, Tomoko;  
 Warashina, Masaki; Taira, Kazunari; Stec, Wojciech J.  
 CS Centre of Molecular and Macromolecular Studies, Department of Bioorganic  
 Chemistry, Polish Academy of Sciences, Lodz, Pol.  
 SO European Journal of Biochemistry (2003), 270(19), 3962-3970  
 CODEN: EJBCAI; ISSN: 0014-2956  
 PB Blackwell Publishing Ltd.

DT Journal  
 LA English  
 RE.CNT 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 80 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2003:991000 SCISEARCH  
 GA The Genuine Article (R) Number: 741XV  
 TI Green tea catechins as a \*\*\*BACE1\*\*\* (beta-secretase) inhibitor  
 AU Jeon S Y; Bae K H; Seong Y H; Song K S (Reprint)  
 CS Kyungpook Natl Univ, Coll Agr & Life Sci, Div Appl Biol & Chem, 1370  
 Sankyuk Dong, Taegu 702701, South Korea (Reprint); Kyungpook Natl Univ,  
 Coll Agr & Life Sci, Div Appl Biol & Chem, Taegu 702701, South Korea;  
 Chungnam Natl Univ, Coll Pharm, Taejon 305764, South Korea; Chungbuk Natl  
 Univ, Coll Vet, Chungbuk 361763, South Korea  
 CYA South Korea  
 SO BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, (17 NOV 2003) Vol. 13, No. 22,  
 pp. 3905-3908.  
 Publisher: PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE,  
 KIDLINGTON, OXFORD OX5 1GB, ENGLAND.  
 ISSN: 0960-894X.

DT Article; Journal  
 LA English  
 REC Reference Count: 15  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 81 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2004:18330 SCISEARCH  
 GA The Genuine Article (R) Number: 755GH  
 TI Demonstration by FRET of \*\*\*BACE\*\*\* interaction with the amyloid  
 precursor protein at the cell surface and in early endosomes  
 AU Kinoshita A; Fukumoto H; Shah T; Whelan C M; Irizarry M C; Hyman B T  
 (Reprint)  
 CS Harvard Univ, Massachusetts Gen Hosp, Sch Med, Alzheimer Dis Res Lab,  
 Boston, MA 02129 USA (Reprint)

SO JOURNAL OF CELL SCIENCE, (15 AUG 2003) Vol. 116, No. 16, pp. 3339-3346.  
 Publisher: COMPANY OF BIOLOGISTS LTD, BIDDER BUILDING CAMBRIDGE COMMERCIAL  
 PARK COWLEY RD, CAMBRIDGE CB4 4DL, CAMBS, ENGLAND.  
 ISSN: 0021-9533.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 32  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 82 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2003:432887 SCISEARCH  
 GA The Genuine Article (R) Number: 679PZ  
 TI Calculation of the binding affinity of beta-secretase inhibitors using the  
 linear interaction energy method  
 AU Tounge B A; Reynolds C H (Reprint)  
 CS Johnson & Johnson Pharmaceut Res & Dev, LLC, POB 776, Welsh & McKean Rd,  
 Spring House, PA 19477 USA (Reprint); Johnson & Johnson Pharmaceut Res &  
 Dev, LLC, Spring House, PA 19477 USA  
 CYA USA  
 SO JOURNAL OF MEDICINAL CHEMISTRY, (22 MAY 2003) Vol. 46, No. 11, pp.  
 2074-2082.  
 Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036 USA.  
 ISSN: 0022-2623.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 46  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 83 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2004:53982 SCISEARCH  
 GA The Genuine Article (R) Number: 758KW  
 TI The beta-amyloid-related proteins presenilin 1 and \*\*\*BACE1\*\*\* are  
 axonally transported to nerve terminals in the brain  
 AU Sheng J G; Price D L; Koliatsos V E (Reprint)  
 CS Johns Hopkins Univ, Sch Med, Div Neuropathol, Room 558, Ross Bldg, 720  
 Rutland Ave, Baltimore, MD 21205 USA (Reprint); Johns Hopkins Univ, Sch  
 Med, Div Neuropathol, Baltimore, MD 21205 USA; Johns Hopkins Univ, Sch  
 Med, Alzheimers Dis Res Ctr, Baltimore, MD 21205 USA; Johns Hopkins Univ,  
 Sch Med, Dept Neurol, Baltimore, MD 21205 USA; Johns Hopkins Univ, Sch  
 Med, Dept Psychiat & Behav Sci, Baltimore, MD 21205 USA; Johns Hopkins  
 Univ, Sch Med, Dept Neurosci, Baltimore, MD 21205 USA  
 CYA USA  
 SO EXPERIMENTAL NEUROLOGY, (DEC 2003) Vol. 184, No. 2, pp. 1053-1057.  
 Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE 1900, SAN  
 DIEGO, CA 92101-4495 USA.  
 ISSN: 0014-4886.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 17  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 84 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2003:1099198 SCISEARCH  
 GA The Genuine Article (R) Number: 751YH  
 TI \*\*\*BACE1\*\*\* (beta-secretase) transgenic neurochemical deficits and  
 knockout mice: identification of and behavioral changes  
 AU Harrison S M; Harper A J; Hawkins J; Duddy G; Grau E; Pugh P L; Winter P  
 H; Shilliam C S; Hughes Z A; Dawson L A; Gonzalez M I; Upton N; Pangalos M  
 N; Dingwall C (Reprint)  
 CS GlaxoSmithKline, Neurol & Gastroenterol Ctr Excellence Drug Discov, New  
 Frontiers Sci Pk N, 3rd Ave, Harlow CM19 5AW, Essex, England (Reprint);  
 GlaxoSmithKline, Neurol & Gastroenterol Ctr Excellence Drug Discov, Harlow  
 CM19 5AW, Essex, England; GlaxoSmithKline, Dept Comparat Genom, Harlow  
 CM19 5AW, Essex, England; Sanger Ctr, Hinxton CB10 1SA, Cambs, England;  
 GlaxoSmithKline, Psychiat Ctr Excellence Drug Discovery, Harlow CM19 5AW,  
 Essex, England  
 CYA England  
 SO MOLECULAR AND CELLULAR NEUROSCIENCE, (NOV 2003) Vol. 24, No. 3, pp.  
 646-655.  
 Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE 1900, SAN  
 DIEGO, CA 92101-4495 USA.  
 ISSN: 1044-7431.

LA English  
REC Reference Count: 51  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 85 OF 170 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS  
RESERVED. on STN  
AN 2003307068 EMBASE  
TI A drug target for \*\*\*Alzheimers\*\*\* \*\*\*disease\*\*\* :  
.beta.-Secretase.  
AU Wang Y.-H.; Du G.-H.  
CS Y.-H. Wang, Institute of Meteria Medica, Chinese Academy of Medical  
Science, Peking Union Medical College, Beijing 100050, China.  
walling@imm.ac.cn  
SO Chinese Pharmacological Bulletin, (2003) 19/6 (609-613).  
Refs: 19  
ISSN: 1001-1978 CODEN: ZYTOE8  
CY China  
DT Journal; Article  
FS 029 Clinical Biochemistry  
037 Drug Literature Index  
LA Chinese  
SL English; Chinese

L3 ANSWER 86 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN  
AN 2003:980457 SCISEARCH  
GA The Genuine Article (R) Number: 739DD  
TI JLK isocoumarin inhibitors: Selective gamma-secretase inhibitors that do  
not interfere with Notch pathway in vitro or in vivo  
AU Petit A; Pasini A; da Costa C A; Ayrat E; Hernandez J F; Dumanchin-Njock  
C; Phiel C J; Marambaud P; Wilk S; Farzan M; Fulcrand P; Martinez J;  
Andrau D; Checler F (Reprint)  
CS CNRS, UMR 6097, Inst Pharmacol Mol & Cellulaire, 660 Route Lucioles,  
F-06560 Valbonne, France (Reprint); CNRS, UMR 6097, Inst Pharmacol Mol &  
Cellulaire, F-06560 Valbonne, France; Natl Inst Med Res, Div Dev Biol,  
London, England; CNRS, UMR 5810, LAPP, Montpellier, France; Univ Penn,  
Howard Hughes Med Inst, Philadelphia, PA 19104 USA; Mt Sinai Sch Med, Dept  
Psychiat, New York, NY USA; Mt Sinai Sch Med, Dept Pharmacol, New York, NY  
USA; Harvard Univ, Sch Med, Boston, MA USA  
CYA France; England; USA  
SO JOURNAL OF NEUROSCIENCE RESEARCH, (1 NOV 2003) Vol. 74, No. 3, pp.  
370-377.  
Publisher: WILEY-LISS, DIV JOHN WILEY & SONS INC, 605 THIRD AVE, NEW YORK,  
NY 10158-0012 USA.  
ISSN: 0360-4012.  
DT Article; Journal  
LA English  
REC Reference Count: 65  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 87 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN  
AN 2003:691038 SCISEARCH  
GA The Genuine Article (R) Number: 707RY  
TI \*\*\*BACE\*\*\* -2 is overexpressed in Down's syndrome  
AU Barbiero L; Benussi L; Ghidoni R; Alberici A; Russo C; Schettini G; Pagano  
S F; Parati E A; Mazzoli F; Nicosia F; Signorini S; Feudatari E; Binetti G  
(Reprint)  
CS IRCCS, Ctr S Giovanni Dio Fatebenefratelli, Neurobiol Lab, Memory Clin,  
Via Pilastroni 4, I-25123 Brescia, Italy (Reprint); IRCCS, Ctr S Giovanni  
Dio Fatebenefratelli, Neurobiol Lab, Memory Clin, I-25123 Brescia, Italy;  
Univ Genoa, Adv Biotechnol Ctr, Natl Canc Inst, Sect Pharmacol & Neurosci,  
Genoa, Italy; Natl Neurol Inst C, Neuropharmacol Lab, Milan, Italy  
CYA Italy  
SO EXPERIMENTAL NEUROLOGY, (AUG 2003) Vol. 182, No. 2, pp. 335-345.  
Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE 1900, SAN  
DIEGO, CA 92101-4495 USA.  
ISSN: 0014-4886.  
DT Article; Journal  
LA English  
REC Reference Count: 37  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 88 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN

GA The Genuine Article (R) Number: 646FJ  
 TI Comparative studies of active site-ligand interactions among various recombinant constructs of human beta-amyloid precursor protein cleaving enzyme  
 AU Kopcho L M; Ma J H; Marcinkeviciene J; Lai Z H; Witmer M R; Cheng J; Yanchunas J; Tredup J; Corbett M; Calambur D; Wittekind M; Paruchuri M; Kothari D; Lee G; Ganguly S; Ramamurthy V; Morin P E; Camac D M; King R W; Lasut A L; Ross O H; Hillman M C; Fish B; Shen K Q; Dowling R L; Kim Y B; Graciani N R; Collins D; Combs A P; George H; Thompson L A; Copeland R A (Reprint)  
 CS Dept Chem Enzymol, Hopewell, NJ 08525 USA (Reprint); Dept Gene Express & Prot Biochem, Lawrenceville, NJ USA; Proc Technol, Hopewell, NJ USA; Bristol Myers Squibb Co, Pharmaceut Res Inst, Dept Marcomol Struct & Struct Biol, Wilmington, DE 19803 USA; Bristol Myers Squibb Co, Pharmaceut Res Inst, Dept Biotechnol, Wilmington, DE 19803 USA; Bristol Myers Squibb Co, Pharmaceut Res Inst, Dept Med Chem, Wilmington, DE 19803 USA  
 CYA USA  
 SO ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS, (15 FEB 2003) Vol. 410, No. 2, pp. 307-316.  
 Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE 1900, SAN DIEGO, CA 92101-4495 USA.  
 ISSN: 0003-9861.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 25  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 89 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation. on STN  
 AN 2003:944180 SCISEARCH  
 GA The Genuine Article (R) Number: 735HM  
 TI Dehydroepiandrosterone reduces expression and activity of \*\*\*BACE\*\*\* in NT2 neurons exposed to oxidative stress  
 AU Tamagno E (Reprint); Guglielmotto M; Bardini P; Santoro G; Davit A; Di Simone D; Danni O; Tabaton M  
 CS Univ Turin, Gen Pathol Sect, Dept Expt Med & Oncol, Corso Raffaello 30, I-10125 Turin, Italy (Reprint); Univ Turin, Gen Pathol Sect, Dept Expt Med & Oncol, I-10125 Turin, Italy; Univ Genoa, Dept Neurol Sci & Vis, Genoa, Italy  
 CYA Italy  
 SO NEUROBIOLOGY OF DISEASE, (NOV 2003) Vol. 14, No. 2, pp. 291-301.  
 Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE 1900, SAN DIEGO, CA 92101-4495 USA.  
 ISSN: 0969-9961.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 60  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 90 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation. on STN  
 AN 2003:865519 SCISEARCH  
 GA The Genuine Article (R) Number: 726BT  
 TI Peptide nucleic acids targeted to the amyloid precursor protein  
 AU McMahon B M; Stewart J; Fauq A; Younkin S; Younkin L; Richelson E (Reprint)  
 CS Mayo Clin, Dept Psychiat, Jacksonville, FL 32224 USA (Reprint); Mayo Clin, Dept Pharmacol, Jacksonville, FL 32224 USA; Mayo Clin, Dept Neurosci & Pharmacol, Jacksonville, FL 32224 USA  
 CYA USA  
 SO JOURNAL OF MOLECULAR NEUROSCIENCE, (OCT 2003) Vol. 20, No. 3, pp. 261-265.  
 Publisher: HUMANA PRESS INC, 999 RIVERVIEW DRIVE SUITE 208, TOTOWA, NJ 07512 USA.  
 ISSN: 0895-8696.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 20  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 91 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation. on STN  
 AN 2003:702919 SCISEARCH  
 GA The Genuine Article (R) Number: 708GT  
 TI Presenilin-1 interacts directly with the beta-site amyloid protein precursor cleaving enzyme ( \*\*\*BACE1\*\*\* )

(Reprint)  
CS CHUQ, Mol & Human Genet Unit, Pavillon St Francois Assise, 10 Rue Espinay, Quebec City, PQ G1L 3L5, Canada (Reprint); CHUQ, Mol & Human Genet Unit, Quebec City, PQ G1L 3L5, Canada; Univ Laval, Dept Med Biol, Quebec City, PQ G1K 7P4, Canada  
CYA Canada  
SO NEUROBIOLOGY OF DISEASE, (AUG 2003) Vol. 13, No. 3, pp. 238-245.  
Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE 1900, SAN DIEGO, CA 92101-4495 USA.  
ISSN: 0969-9961.  
DT Article; Journal  
LA English  
REC Reference Count: 35  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 92 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN  
AN 2003:210128 SCISEARCH  
GA The Genuine Article (R) Number: 649VB  
TI Human beta-secretase activity in yeast detected by a novel cellular growth selection system  
AU Luthi U; Schaerer-Brodbeck C; Tanner S; Middendorp O; Edler K; Barberis A (Reprint)  
CS ESBATech AG, Wagistr 21, CH-8952 Zurich, Switzerland (Reprint); ESBATech AG, CH-8952 Zurich, Switzerland  
CYA Switzerland  
SO BIOCHIMICA ET BIOPHYSICA ACTA-GENERAL SUBJECTS, (17 MAR 2003) Vol. 1620, No. 1-3, pp. 167-178.  
Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS.  
ISSN: 0304-4165.  
DT Article; Journal  
LA English  
REC Reference Count: 37  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 93 OF 170 DRUGU COPYRIGHT 2005 THE THOMSON CORP on STN  
AN 2004-30643 DRUGU P  
TI Role of PPARGgamma on amyloid-beta generation.  
AU Sastre M; Dewachter I; Rosen E; Landreth G; Haass C; Klockgether T; van Leuven F; Heneka M T  
CS Univ.Bonn  
LO Bonn, Ger.  
SO J.Neurochem. (87, Suppl. 1, 98, 2003)  
CODEN: JONRA9 ISSN: 0022-3042  
AV Department of Neurology, University of Bonn, Bonn, Germany.  
LA English  
DT Journal  
FA AB; LA; CT  
FS Literature

L3 ANSWER 94 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN  
AN 2003:915761 SCISEARCH  
GA The Genuine Article (R) Number: 732QJ  
TI APP processing is regulated by cytoplasmic phosphorylation  
AU Lee M S; Kao S C; Lemere C A; Xia W M; Tseng H C; Zhou Y; Neve R; Ahljianian M K; Tsai L H (Reprint)  
CS Harvard Univ, Sch Med, Dept Pathol, 200 Longwood Ave, Boston, MA 02115 USA (Reprint); Harvard Univ, Sch Med, Dept Pathol, Boston, MA 02115 USA; Howard Hughes Med Inst, Boston, MA 02115 USA; Harvard Univ, Brigham & Womens Hosp, Sch Med, Ctr Neurol Dis, Boston, MA 02115 USA; Harvard Univ, Sch Med, McLean Hosp, Dept Psychiat, Belmont, MA 02478 USA; Pfizer Inc, Cent Res, Dept CNS Discovery, Groton, CT 06340 USA  
CYA USA  
SO JOURNAL OF CELL BIOLOGY, (13 OCT 2003) Vol. 163, No. 1, pp. 83-95.  
Publisher: ROCKEFELLER UNIV PRESS, 1114 FIRST AVE, 4TH FL, NEW YORK, NY 10021 USA.  
ISSN: 0021-9525.  
DT Article; Journal  
LA English  
REC Reference Count: 43  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 95 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.

AN 2003:838248 SCISEARCH  
 GA The Genuine Article (R) Number: 723NP  
 TI \*\*\*BACE1\*\*\* (beta-secretase) knockout mice do not acquire compensatory  
 gene expression changes or develop neural lesions over time  
 AU Luo Y; Bolon B; Damore M A; Fitzpatrick D; Liu H T; Zhang J H; Yan Q;  
 Vassar R; Citron M (Reprint)  
 CS Amgen Inc, Dept Neurosci, M-S 29-2-B, 1 Amgen Ctr Dr, Thousand Oaks, CA  
 91320 USA (Reprint); Amgen Inc, Dept Neurosci, Thousand Oaks, CA 91320  
 USA; Northwestern Univ, Feinberg Sch Med, Chicago, IL 60611 USA  
 CYA USA  
 SO NEUROBIOLOGY OF DISEASE, (OCT 2003) Vol. 14, No. 1, pp. 81-88.  
 Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE 1900, SAN  
 DIEGO, CA 92101-4495 USA.  
 ISSN: 0969-9961.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 17  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 96 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2003:586217 SCISEARCH  
 GA The Genuine Article (R) Number: 696FG  
 TI Cloning and expression of the rat \*\*\*BACE1\*\*\* promoter  
 AU Lange-Dohna C; Zeitschel U; Gaunitz F; Perez-Polo J R; Bigl V; Rossner S  
 (Reprint)  
 CS Univ Leipzig, Dept Neurochem, Paul Flechsig Inst Brain Res, Jahnallee 59,  
 D-04109 Leipzig, Germany (Reprint); Univ Leipzig, Dept Neurochem, Paul  
 Flechsig Inst Brain Res, D-04109 Leipzig, Germany; Univ Leipzig, Inst  
 Biochem, D-7010 Leipzig, Germany; Univ Texas, Med Branch, Dept Human Biol  
 Chem & Genet, Galveston, TX 77550 USA  
 CYA Germany; USA  
 SO JOURNAL OF NEUROSCIENCE RESEARCH, (1 JUL 2003) Vol. 73, No. 1, pp. 73-80.  
 Publisher: WILEY-LISS, DIV JOHN WILEY & SONS INC, 605 THIRD AVE, NEW YORK,  
 NY 10158-0012 USA.  
 ISSN: 0360-4012.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 29  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 97 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2003:612127 SCISEARCH  
 GA The Genuine Article (R) Number: 700QY  
 TI Quantification and distribution of beta-secretase alternative splice  
 variants in the rat and human brain  
 AU Zohar O (Reprint); Cavallaro S; D'Agata V; Alkon D L  
 CS Johns Hopkins Univ, Acad & Res Bldg, 9601 Med Ctr Dr, Rockville, MD 20850  
 USA (Reprint); W Virginia Univ, Blanchette Rockefeller Neurosci Inst,  
 Rockville, MD 20850 USA; Italian Natl Res Council, Inst Neurol Sci,  
 I-95123 Catania, Italy  
 CYA USA; Italy  
 SO MOLECULAR BRAIN RESEARCH, (4 JUL 2003) Vol. 115, No. 1, pp. 63-68.  
 Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM,  
 NETHERLANDS.  
 ISSN: 0169-328X.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 23  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 98 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2003:599885 SCISEARCH  
 GA The Genuine Article (R) Number: 699XC  
 TI Measuring human beta-secretase (BACE1) activity using homogeneous  
 time-resolved fluorescence  
 AU Kennedy M E (Reprint); Wang W Y; Song L X; Lee J; Zhang L L; Wong G; Wang  
 L Y; Parker E  
 CS Schering Plough Corp, Res Inst, CNS Cardiovasc Res, Kenilworth, NJ 07033  
 USA (Reprint); Schering Plough Corp, Res Inst, Struct Chem, Kenilworth, NJ  
 07033 USA  
 CYA USA  
 SO ANALYTICAL BIOCHEMISTRY, (1 AUG 2003) Vol. 319, No. 1, pp. 49-55.

DIEGO, CA 92101-4495 USA.

ISSN: 0003-2697.

DT Article; Journal

LA English

REC Reference Count: 24

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 99 OF 170 CEABA-VTB COPYRIGHT 2005 DECHEMA on STN

AN 2004(02):5175 CEABA-VTB FS B

TI Comparison of Batch and Perfusion Culture in Combination with Pilot-Scale Expanded Bed Purification for the Production of Soluble Recombinant beta-Secretase

AU Lullau, E.L. et al.

CS AstraZeneca Biotech Laboratory, Enabling Science Technology Biology, R&D Soedertaeltje, Sweden

SO Biotechnology Progress (2003) 19(1), 20 Reference(s), 37 -44, 7f, 2t

CODEN: BIPRET ISSN: 8756-7938

DT Journal

LA English

L3 ANSWER 100 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation. on STN

AN 2003:171471 SCISEARCH

GA The Genuine Article (R) Number: 645JU

TI Comparison of batch and perfusion culture in combination with pilot-scale expanded bed purification for the production of soluble recombinant beta-secretase

AU Lullau E (Reprint); Kanttinen A; Hassel J; Berg M; Haag-Alvarsson A; Cederbrant K; Greenberg B; Fenge C; Schweikart F

CS AstraZeneca, Biotech Lab, Enabling Sci Technol Biol, R&D, Sodertalje, Sweden (Reprint); AstraZeneca, Safety Assessment, R&D, Sodertalje, Sweden; AstraZeneca, CNS, US R&D, Wilmington, DE USA

CYA Sweden; USA

SO BIOTECHNOLOGY PROGRESS, (JAN-FEB 2003) Vol. 19, No. 1, pp. 37-44.

Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036 USA.

ISSN: 8756-7938.

DT Article; Journal

LA English

REC Reference Count: 19

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 101 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 8

AN 2003:290561 CAPLUS

DN 139:34052

TI Knocking-out A.beta.42, the pathological molecule for Alzheimer's disease

AU Takeda, Masatoshi

CS Course Advanced Medicine, Department of Post-Genomics and Diseases, Division of Psychiatry and Behavioral Proteomics, Osaka University Graduate School of Medicine, Japan

SO Idenshi Igaku (2003), 7(1), 12-16

CODEN: IDIGF4; ISSN: 1343-0971

PB Medikaru Du

DT Journal; General Review

LA Japanese

L3 ANSWER 102 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation. on STN

AN 2003:1045881 SCISEARCH

GA The Genuine Article (R) Number: 747UF

TI Cell-based assay for beta-secretase activity

AU Oh M; Kim S Y; Oh Y S; Choi D Y; Sin H J; Jung I M; Park W J (Reprint)

CS K JIST, Dept Life Sci, Kwangju 500712, South Korea (Reprint); K JIST, Natl Res Lab Proteolysis, Kwangju 500712, South Korea; LG Life Sci Res Pk, Taejon 305389, South Korea; Ajou Univ, Sch Med, Brain Dis Res Ctr, Suwon 442721, South Korea

CYA South Korea

SO ANALYTICAL BIOCHEMISTRY, (1 DEC 2003) Vol. 323, No. 1, pp. 7-11.

Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE 1900, SAN DIEGO, CA 92101-4495 USA.

ISSN: 0003-2697.

DT Article; Journal

LA English

REC Reference Count: 24

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

STN  
AN 2004:199386 BIOSIS  
DN PREV200400199945  
TI A high throughput cell-based screen for identification of putative  
Alzheimer's disease modifying drugable genes that modulate amyloid levels.  
AU Merchiers, P. [Reprint Author]; Spittaels, K. [Reprint Author]; Staes, M.  
[Reprint Author]; Laenen, W. [Reprint Author]; de Vos, S. [Reprint  
Author]; Hinnekint, S. [Reprint Author]; Van De Poel, A. [Reprint Author];  
Van Rossen, E. [Reprint Author]; Mercken, M.; Meert, T.; De Strooper, B.;  
Brown, R. [Reprint Author]  
CS Galapagos Genomics NV, Mechelen, Belgium  
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2003)  
Vol. 2003, pp. Abstract No. 445.11. <http://sfn.scholarone.com>. e-file.  
Meeting Info.: 33rd Annual Meeting of the Society of Neuroscience. New  
Orleans, LA, USA. November 08-12, 2003. Society of Neuroscience.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LA English  
ED Entered STN: 14 Apr 2004  
Last Updated on STN: 14 Apr 2004

L3 ANSWER 104 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2004:180982 CAPLUS  
DN 140:195369  
TI Murine .beta.-secretase-interacting proteins and their use in screening  
and manufacture of drugs to treat Alzheimer's disease  
IN Marjaux, Els; Dominguez-Tinland, Diana Ines; Annaert, Wim; De Strooper,  
Bart  
PA Vlaams Interuniversitair Instituut voor Biotechnologie VZW, Belg.  
SO PCT Int. Appl., 90 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002101232	A2	20021219	WO 2002-EP6667	20020607
	WO 2002101232	A3	20031231		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRAI	EP 2001-202228	A	20010612		

L3 ANSWER 105 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2002:521789 CAPLUS  
DN 137:90187  
TI Inhibitors of \*\*\*memapsin\*\*\* and their use in Alzheimer's  
disease treatment  
IN Tang, Jordan J. N.; Koelsch, Gerald; Ghosh, Arun K.  
PA Oklahoma Medical Research Foundation, USA; The Board of Trustees of the  
University of Illinois  
SO PCT Int. Appl., 74 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002053594	A2	20020711	WO 2001-US50826	20011228
	WO 2002053594	A3	20040108		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB,			

	GN, GQ, GW, ML, MR, NE, SN, TD, TG		
CA	2433446	AA	20020711
EP	1404718	A2	20040407
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,		
	IE, SI, LT, LV, FI, RO, MK, CY, AL, TR		
JP	2005500979	T2	20050113
US	2004121947	A1	20040624
PRAI	US 2000-258705P	P	20001228
	US 2001-275756P	P	20010314
	US 2001-335952P	P	20011023
	US 2001-333545P	P	20011127
	US 2001-32818	A2	20011228
	WO 2001-US50826	W	20011228
	US 2002-348464P	P	20020114
	US 2002-348615P	P	20020114
	US 2002-390804P	P	20020620
	US 2002-397557P	P	20020719
	US 2002-397619P	P	20020719

L3 ANSWER 106 OF 170 USPATFULL on STN  
AN 2002:287089 USPATFULL  
TI Use of small molecule radioligands to discover inhibitors of  
amyloid-beta peptide production and for diagnostic imaging  
IN Zaczek, Robert, Avondale, PA, UNITED STATES  
Olson, Richard E., Wilmington, DE, UNITED STATES  
Seiffert, Dietmar A., Boothwyn, PA, UNITED STATES  
Thompson, Lorin A., Wilmington, DE, UNITED STATES  
PI US 2002159947 A1 20021031  
AI US 2001-859261 A1 20010517 (9)  
PRAI US 2000-204685P 20000517 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 5492  
INCL INCLM: 424/001.490  
INCLS: 530/391.100  
NCL NCLM: 424/001.490  
NCLS: 530/391.100  
IC [7]  
ICM: A61K051-00  
ICS: C07K016-46  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 107 OF 170 USPATFULL on STN  
AN 2002:127595 USPATFULL  
TI Transgenic animal and methods  
IN Nilsson, Lars, Tampa, FL, UNITED STATES  
Potter, Huntington, Tampa, FL, UNITED STATES  
Arendash, Gary W., Lutz, FL, UNITED STATES  
PI US 2002066117 A1 20020530  
US 6781029 B2 20040824  
AI US 2001-903993 A1 20010713 (9)  
PRAI US 2000-218054P 20000713 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1704  
INCL INCLM: 800/018.000  
INCLS: 435/354.000; 800/009.000  
NCL NCLM: 800/014.000  
NCLS: 435/004.000; 800/003.000; 800/008.000; 800/012.000  
IC [7]  
ICM: A01K067-027  
ICS: C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 108 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN  
AN 2002:754214 SCISEARCH  
GA The Genuine Article (R) Number: 590VA  
TI Crystal structure of \*\*\*memapsin\*\*\* (beta-secretase) in  
complex with an inhibitor OM00-3 \*\*\*2\*\*\*  
AU Hong L; Turner R T; Koelsch G; Shin D G; Ghosh A K; Tang J (Reprint)  
CS Univ Oklahoma, Ctr Med, Prot Studies Program, Oklahoma Med Res Fdn,  
Oklahoma City, OK 73104 USA (Reprint); Univ Oklahoma, Ctr Med, Prot  
Studies Program, Dept Biochem & Mol Biol, Oklahoma City, OK 73104 USA;  
Zapaq Inc, Oklahoma City, OK 73104 USA; Univ Illinois, Dept Chem, Chicago,

CYA USA  
SO BIOCHEMISTRY, (10 SEP 2002) Vol. 41, No. 36, pp. 10963-10967.  
Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036 USA.  
ISSN: 0006-2960.  
DT Article; Journal  
LA English  
REC Reference Count: 19  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 109 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN

AN 2002:184171 SCISEARCH  
GA The Genuine Article (R) Number: 523NX  
TI Apical sorting of beta-secretase limits amyloid beta-peptide production  
AU Capell A; Meyn L; Fluhrer R; Teplow D B; Walter J; Haass C (Reprint)  
CS Univ Munich, Adolf Butenandt Inst, Dept Biochem, Lab Alzheimers &  
Parkinsons Dis Res, Schillerstr 44, D-80336 Munich, Germany (Reprint);  
Univ Munich, Adolf Butenandt Inst, Dept Biochem, Lab Alzheimers &  
Parkinsons Dis Res, D-80336 Munich, Germany; Harvard Univ, Sch Med, Dept  
Neurol, Boston, MA 02115 USA; Brigham & Womens Hosp, Ctr Neurol Dis,  
Boston, MA 02115 USA

CYA Germany; USA  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (15 FEB 2002) Vol. 277, No. 7, pp.  
5637-5643.  
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE  
PIKE, BETHESDA, MD 20814-3996 USA.  
ISSN: 0021-9258.

DT Article; Journal  
LA English  
REC Reference Count: 43  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 110 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN

AN 2002:216547 SCISEARCH  
GA The Genuine Article (R) Number: 527LL  
TI Glut1 site cleavage and N-terminally truncated A beta production upon  
\*\*\*BACE\*\*\* overexpression  
AU Liu K N; Doms R W; Lee V M Y (Reprint)  
CS Univ Penn, Sch Med, Ctr Neurodegenerative Dis Res, Dept Pathol & Lab Med,  
Maloney 3, Philadelphia, PA 19104 USA (Reprint); Univ Penn, Sch Med, Ctr  
Neurol Dis Res, Dept Pathol & Lab Med, Philadelphia, PA 19104 USA; Univ  
Penn, Sch Med, Dept Microbiol, Philadelphia, PA 19104 USA

CYA USA  
SO BIOCHEMISTRY, (5 MAR 2002) Vol. 41, No. 9, pp. 3128-3136.  
Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036 USA.  
ISSN: 0006-2960.

DT Article; Journal  
LA English  
REC Reference Count: 35  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 111 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN

AN 2002:474735 SCISEARCH  
GA The Genuine Article (R) Number: 557UP  
TI beta-secretase as a therapeutic target for inhibitor drugs  
AU Ghosh A K; Hong L; Tang J (Reprint)  
CS Univ Oklahoma, Hlth Sci Ctr, Oklahoma Med Res Fdn, Prot Studies Program,  
825 NE 13 St, Oklahoma City, OK 73104 USA (Reprint); Univ Oklahoma, Hlth  
Sci Ctr, Oklahoma Med Res Fdn, Prot Studies Program, Oklahoma City, OK  
73104 USA; Univ Illinois, Dept Chem, Chicago, IL 60680 USA

CYA USA  
SO CURRENT MEDICINAL CHEMISTRY, (JUN 2002) Vol. 9, No. 11, pp. 1135-1144.  
Publisher: BENTHAM SCIENCE PUBL LTD, PO BOX 1673, 1200 BR HILVERSUM,  
NETHERLANDS.  
ISSN: 0929-8673.

DT General Review; Journal  
LA English  
REC Reference Count: 39  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 112 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN

AN 2002:277985 SCISEARCH

TI ELISA analysis of beta-secretase cleavage of the Swedish amyloid precursor protein in the secretory and endocytic pathways  
 AU Steinhilb M L; Turner R S; Gaut J R (Reprint)  
 CS St Jude Childrens Hosp, 332 N Lauderdale St, Memphis, TN 38105 USA (Reprint); Univ Michigan, Inst Gerontol, Ann Arbor, MI 48109 USA; Univ Michigan, Dept Biol Chem, Ann Arbor, MI 48109 USA; Univ Michigan, Dept Neurol, Ann Arbor, MI 48109 USA; Vet Affairs Med Ctr, Geriatr Res Educ & Clin Ctr, Ann Arbor, MI USA  
 CYA USA  
 SO JOURNAL OF NEUROCHEMISTRY, (MAR 2002) Vol. 80, No. 6, pp. 1019-1028. Publisher: BLACKWELL SCIENCE LTD, P O BOX 88, OSNEY MEAD, OXFORD OX2 ONE, OXON, ENGLAND. ISSN: 0022-3042.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 32  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 113 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation. on STN  
 AN 2002:226371 SCISEARCH  
 GA The Genuine Article (R) Number: 527CY  
 TI Expression of human beta-secretase in the mouse brain increases the steady-state level of beta-amyloid  
 AU Bodendorf U; Danner S; Fischer F; Stefani M; Sturchler-Pierrat C; Wiederhold K H; Staufenbiel M; Paganetti P (Reprint)  
 CS Novartis Pharma AG, Nervous Syst, WSJ 386828, CH-4002 Basel, Switzerland (Reprint); Novartis Pharma AG, Nervous Syst, CH-4002 Basel, Switzerland  
 CYA Switzerland  
 SO JOURNAL OF NEUROCHEMISTRY, (MAR 2002) Vol. 80, No. 5, pp. 799-806. Publisher: BLACKWELL SCIENCE LTD, P O BOX 88, OSNEY MEAD, OXFORD OX2 ONE, OXON, ENGLAND. ISSN: 0022-3042.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 28  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 114 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation. on STN  
 AN 2002:816437 SCISEARCH  
 GA The Genuine Article (R) Number: 599QG  
 TI Failure of the interaction between presenilin 1 and the substrate of gamma-secretase to produce A beta in insect cells  
 AU Pitsi D; Kienlen-Campard P; Octave J N (Reprint)  
 CS Univ Catholique Louvain, Lab Pharmacol Expt, UCL 54-10, 54 Ave Hippocrate, B-1200 Brussels, Belgium (Reprint); Univ Catholique Louvain, Lab Pharmacol Expt, B-1200 Brussels, Belgium  
 CYA Belgium  
 SO JOURNAL OF NEUROCHEMISTRY, (OCT 2002) Vol. 83, No. 2, pp. 390-399. Publisher: BLACKWELL PUBLISHING LTD, P O BOX 88, OSNEY MEAD, OXFORD OX2 ONE, OXON, ENGLAND. ISSN: 0022-3042.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 52  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 115 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation. on STN  
 AN 2002:918921 SCISEARCH  
 GA The Genuine Article (R) Number: 615KQ  
 TI Pharmacogenomics for the treatment of dementia  
 AU Cacabelos R (Reprint)  
 CS Inst CNS Disorders, Biomed Res Ctr, EuroEspes, ES-15166 Bergondo, La Coruna, Spain (Reprint)  
 CYA Spain  
 SO ANNALS OF MEDICINE, (FAL 2002) Vol. 34, No. 5, pp. 357-379. Publisher: ROYAL SOC MEDICINE PRESS LTD, 1 WIMPOLE STREET, LONDON W1M 8AE, ENGLAND. ISSN: 0785-3890.  
 DT General Review; Journal  
 LA English  
 REC Reference Count: 220  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 116 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2002:748418 SCISEARCH  
 GA The Genuine Article (R) Number: 589GU  
 TI Oxidative stress increases expression and activity of \*\*\*BACE\*\*\* in  
 NT2 neurons  
 AU Tamagno E (Reprint); Bardini P; Obbili A; Vitali A; Borghi R; Zaccheo D;  
 Pronzato M A; Danni O; Smith M A; Perry G; Tabaton M  
 CS Univ Turin, Dept Expt Med & Oncol, Gen Pathol Sect, Turin, Italy  
 (Reprint); Univ Genoa, Human Anat Sect, Dept Expt Med, Genoa, Italy; Univ  
 Genoa, Gen Pathol Sect, Dept Expt Med, Genoa, Italy; Univ Genoa, Dept  
 Neurol Sci & Vis, Genoa, Italy; Case Western Reserve Univ, Inst Pathol,  
 Cleveland, OH 44106 USA  
 CYA Italy; USA  
 SO NEUROBIOLOGY OF DISEASE, (AUG 2002) Vol. 10, No. 3, pp. 279-288.  
 Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE 1900, SAN  
 DIEGO, CA 92101-4495 USA.  
 ISSN: 0969-9961.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 37  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 117 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2004:630283 CAPLUS  
 TI Proteinases involved in amyloid .beta.-peptide (A.beta.) production and  
 clearance  
 AU Malherbe, Pari; Huber, Gerda; Grueninger, Fiona  
 CS Pharma Division, PRPN, F. Hoffmann-La Roche Ltd., Basel, CH-4070, Switz.  
 SO Proteinase and Peptidase Inhibition (2002), 249-263. Editor(s): Smith, H.  
 John; Simons, Claire. Publisher: Taylor & Francis Ltd., London, UK.  
 CODEN: 69FSNR; ISBN: 0-415-27349-8  
 DT Conference  
 LA English  
 RE.CNT 78 THERE ARE 78 CITED REFERENCES AVAILABLE FOR THIS RECORD  
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L3 ANSWER 118 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2002:341541 SCISEARCH  
 GA The Genuine Article (R) Number: 542TE  
 TI beta-amyloid peptide in regulated secretory vesicles of chromaffin cells:  
 evidence for multiple cysteine proteolytic activities in distinct pathways  
 for beta-secretase activity in chromaffin vesicles  
 AU Hook V Y H (Reprint); Toneff T; Aaron W; Yasothornsrikul S; Bunday R;  
 Reisine T  
 CS Buck Inst Age Res, 8001 Redwood Blvd, Novato, CA 94945 USA (Reprint); Univ  
 Calif San Diego, Dept Med & Neurosci, La Jolla, CA 92093 USA; ActiveSite  
 Biotech, Mill Valley, CA USA  
 CYA USA  
 SO JOURNAL OF NEUROCHEMISTRY, (APR 2002) Vol. 81, No. 2, pp. 237-256.  
 Publisher: BLACKWELL PUBLISHING LTD, P O BOX 88, OSNEY MEAD, OXFORD OX2  
 ONE, OXON, ENGLAND.  
 ISSN: 0022-3042.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 82  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 119 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2002:756847 SCISEARCH  
 GA The Genuine Article (R) Number: 590QH  
 TI Secretases as targets for beta-amyloid lowering drugs  
 AU Walter J (Reprint); Haass C  
 CS Univ Bonn, Dept Neurol, Mol Cell Biol Lab, Sigmund Freud Str 25, D-53105  
 Bonn, Germany (Reprint); Univ Bonn, Dept Neurol, Mol Cell Biol Lab,  
 D-53105 Bonn, Germany; Univ Munich, Adolf Butenandt Inst, Dept Biochem,  
 Lab Alzheimers & Parkinsons Dis Res, D-80539 Munich, Germany  
 CYA Germany  
 SO DRUG DEVELOPMENT RESEARCH, (JUN 2002) Vol. 56, No. 2, pp. 201-210.  
 Publisher: WILEY-LISS, DIV JOHN WILEY & SONS INC, 605 THIRD AVE, NEW YORK,  
 NY 10158-0012 USA.  
 ISSN: 0272-4391.  
 DT Article; Journal

REC Reference Count: 98  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 120 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2002:668406 SCISEARCH  
 GA The Genuine Article (R) Number: 580DM  
 TI \*\*\*Memapsin\*\*\* \*\*\*\*2\*\*\* (beta-secretase) cytosolic domain binds to  
 the VHS domains of GGA1 and GGA2: implications on the endocytosis  
 mechanism of \*\*\*memapsin\*\*\* \*\*\*\*2\*\*\*  
 AU He X Y; Chang W P; Koelsch G; Tang J (Reprint)  
 CS Oklahoma Med Res Fdn, Prot Studies Program, 825 NE 13th St, Oklahoma City,  
 OK 73104 USA (Reprint); Oklahoma Med Res Fdn, Prot Studies Program,  
 Oklahoma City, OK 73104 USA; Zapaq Inc, Oklahoma City, OK 73104 USA; Univ  
 Oklahoma, Hlth Sci Ctr, Dept Biochem & Mol Biol, Oklahoma City, OK 73104  
 USA  
 CYA USA  
 SO FEBS LETTERS, (31 JUL 2002) Vol. 524, No. 1-3, pp. 183-187.  
 Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM,  
 NETHERLANDS.  
 ISSN: 0014-5793.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 26  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 121 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2002:228575 SCISEARCH  
 GA The Genuine Article (R) Number: 527YB  
 TI The carboxyl-terminus of \*\*\*BACE\*\*\* contains a sorting signal that  
 regulates \*\*\*BACE\*\*\* trafficking but not the formation of total A beta  
 AU Pastorino L (Reprint); Ikin A F; Nairn A C; Pursnani A; Buxbaum J D  
 CS CUNY Mt Sinai Sch Med, Dept Psychiat, New York, NY 10029 USA (Reprint);  
 CUNY Mt Sinai Sch Med, Dept Neurobiol, New York, NY 10029 USA; Rockefeller  
 Univ, Mol & Cellular Neurosci Lab, New York, NY 10021 USA  
 CYA USA  
 SO MOLECULAR AND CELLULAR NEUROSCIENCE, (FEB 2002) Vol. 19, No. 2, pp.  
 175-185.  
 Publisher: ACADEMIC PRESS INC, 525 B ST, STE 1900, SAN DIEGO, CA  
 92101-4495 USA.  
 ISSN: 1044-7431.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 36  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 122 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2002:938262 SCISEARCH  
 GA The Genuine Article (R) Number: 613CJ  
 TI Recombinant insect cell expression and purification of human  
 beta-secretase ( \*\*\*BACE\*\*\* -1) for X-ray crystallography  
 AU Bruinzeel W; Yon J; Giovannelli S; Masure S (Reprint)  
 CS Johnson & Johnson Pharmaceut Res & Dev, Dept Assay Dev & HTS,  
 Turnhoutseweg 30, B-2340 Beerse, Belgium (Reprint); Johnson & Johnson  
 Pharmaceut Res & Dev, Dept Assay Dev & HTS, B-2340 Beerse, Belgium  
 CYA Belgium  
 SO PROTEIN EXPRESSION AND PURIFICATION, (OCT 2002) Vol. 26, No. 1, pp.  
 139-148.  
 Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE 1900, SAN  
 DIEGO, CA 92101-4495 USA.  
 ISSN: 1046-5928.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 28  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 123 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2002:745310 SCISEARCH  
 GA The Genuine Article (R) Number: 590AJ  
 TI Lipid rafts play an important role in A beta biogenesis by regulating the  
 beta-secretase pathway  
 AU Tun H; Marlow L; Pinnix I; Kinsey R; Sambamurti K (Reprint)

(Reprint); Mayo Clin, Dept Neurosci, Jacksonville, FL 32224 USA; Mayo Clin, Dept Hematol Oncol, Jacksonville, FL 32224 USA  
 CYA USA  
 SO JOURNAL OF MOLECULAR NEUROSCIENCE, (AUG-OCT 2002) Vol. 19, No. 1-2, pp. 31-35.  
 Publisher: HUMANA PRESS INC, 999 RIVERVIEW DRIVE SUITE 208, TOTOWA, NJ 07512 USA.  
 ISSN: 0895-8696.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 15  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 124 OF 170 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN  
 AN 2003:325581 BIOSIS  
 DN PREV200300325581  
 TI ELUCIDATING THE in vivo ROLE OF BACE2.  
 AU Yu, J. W. [Reprint Author]; Cai, H. [Reprint Author]; Price, D. L. [Reprint Author]; Wong, P. C. [Reprint Author]  
 CS Department of Pathology, Johns Hopkins School of Medicine, Baltimore, MD, USA  
 SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 687.6. <http://sfn.scholarone.com>. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.  
 DT Conference; (Meeting)  
 Conference; (Meeting Poster)  
 Conference; Abstract; (Meeting Abstract)  
 LA English  
 ED Entered STN: 16 Jul 2003  
 Last Updated on STN: 16 Jul 2003

L3 ANSWER 125 OF 170 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN  
 AN 2003:325591 BIOSIS  
 DN PREV200300325591  
 TI ANALYSIS OF beta - SECRETASE FUNCTION IN A MOUSE MODEL OF \*\*\*ALZHEIMERS\*\*\* \*\*\*DISEASE\*\*\*  
 AU Willem, M. [Reprint Author]; Bayer, T. A.; Bornemann, K.; Smyth, N.; Van Leuven, F.; Haass, C. [Reprint Author]  
 CS Dept. of Biochemistry, Adolf-Butenandt-Institute, Munich, Germany  
 SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 687.17. <http://sfn.scholarone.com>. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.  
 DT Conference; (Meeting)  
 Conference; (Meeting Poster)  
 Conference; Abstract; (Meeting Abstract)  
 LA English  
 ED Entered STN: 16 Jul 2003  
 Last Updated on STN: 16 Jul 2003

L3 ANSWER 126 OF 170 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN  
 AN 2003:325587 BIOSIS  
 DN PREV200300325587  
 TI AN ANALYSIS OF beta - SECRETASE ( \*\*\*BACE\*\*\* ) REGULATION.  
 AU Huse, J. T. [Reprint Author]; Pijak, D. S. [Reprint Author]; Carlin, D. [Reprint Author]; Liu, K. [Reprint Author]; Lee, V. M. Y. [Reprint Author]; Doms, R. W. [Reprint Author]  
 CS Dept. of Microbiology, Univ. of Pennsylvania, Philadelphia, PA, USA  
 SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 687.13. <http://sfn.scholarone.com>. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 Conference; (Meeting Poster)  
 LA English  
 ED Entered STN: 16 Jul 2003  
 Last Updated on STN: 16 Jul 2003

L3 ANSWER 127 OF 170 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN

DN PREV200300325576  
 TI SEARCHING FOR NOVEL SUBSTRATES FOR \*\*\*BACE\*\*\*  
 AU Pastorino, L. [Reprint Author]; Ikin, A. F. [Reprint Author]; Chen, F.; Harroch, S.; Ioannou, I.; Wang, R.; Wasco, W.; Zaidi, N.; Lamb, B. T.; Buxbaum, J. D. [Reprint Author]  
 CS Dept Psychiat, Mt Sinai Sch Med, New York, NY, USA  
 SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 687.2. <http://sfn.scholarone.com>. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 Conference; (Meeting Poster)  
 LA English  
 ED Entered STN: 16 Jul 2003  
 Last Updated on STN: 16 Jul 2003

L3 ANSWER 128 OF 170 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN  
 AN 2003:315422 BIOSIS  
 DN PREV200300315422  
 TI THE SECOND MESSENGER CERAMIDE MODULATES ABETA BIOGENESIS.  
 AU Puglielli, L. [Reprint Author]; Ellis, B. C. [Reprint Author]; Tanzi, R. E. [Reprint Author]; Kovacs, D. M. [Reprint Author]  
 CS Genetics and Aging Unit, Mass General Hosp, Charlestown, MA, USA  
 SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 624.8. <http://sfn.scholarone.com>. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 Conference; (Meeting Poster)  
 LA English  
 ED Entered STN: 9 Jul 2003  
 Last Updated on STN: 9 Jul 2003

L3 ANSWER 129 OF 170 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN  
 AN 2003:303857 BIOSIS  
 DN PREV200300303857  
 TI FUNCTIONAL GENETIC SCREEN FOR MODIFIERS OF Abeta40 AND Abeta42 PEPTIDE PRODUCTION.  
 AU Gaither, L. A. [Reprint Author]; Paganetti, P. A.; Fisher, F.; Bodendorf, U.; Mickanin, C. [Reprint Author]; Terry, R. [Reprint Author]; Jaing, C. [Reprint Author]; Konsolaki, M. [Reprint Author]; Labow, M. [Reprint Author]; Herrling, P. L.; Cohen, D. [Reprint Author]  
 CS Functional Genomics, Novartis Pharmaceuticals, Summit, NJ, USA  
 SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 420.7. <http://sfn.scholarone.com>. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 Conference; (Meeting Poster)  
 LA English  
 ED Entered STN: 2 Jul 2003  
 Last Updated on STN: 2 Jul 2003

L3 ANSWER 130 OF 170 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN  
 AN 2003:269472 BIOSIS  
 DN PREV200300269472  
 TI BETA - SECRETASES FOR beta - AMYLOID PRODUCTION IN THE REGULATED SECRETORY PATHWAY OF NEURONAL CHROMAFFIN CELLS: ROLE OF CYSTEINE PROTEASES IN COMBINATION WITH \*\*\*BACE\*\*\* 1.  
 AU Hook, V. H. [Reprint Author]; Toneff, T. [Reprint Author]; Reisine, T.  
 CS Buck Inst Age Res, Novato, CA, USA  
 SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 122.2. <http://sfn.scholarone.com>. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 Conference; (Meeting Poster)  
 LA English

Last Updated on STN: 11 Jun 2003

L3 ANSWER 131 OF 170 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on  
STN  
AN 2003:269473 BIOSIS  
DN PREV200300269473  
TI \*\*\*BACE\*\*\* : ESTABLISHMENT OF ROLE IN AD PATHOLOGY USING GENETIC  
KNOCKOUT.  
AU McConlogue, L. C. [Reprint Author]; Chen, K. S.; Hu, K. [Reprint Author];  
Johnson-Wood, K. [Reprint Author]; Motter, R. [Reprint Author]; Cook, A.  
[Reprint Author]; Tang, P. [Reprint Author]; Kholodenko, D. [Reprint  
Author]; Lee, M. [Reprint Author]; Tatsuno, G. [Reprint Author]; Sinha, S.  
[Reprint Author]; Anderson, J. P. [Reprint Author]; Liu, W. [Reprint  
Author]; Roberds, S.; Buttini, M.  
CS Biology, Pharmacology, Elan Pharmaceuticals, So. San Francisco, CA, USA  
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002)  
Vol. 2002, pp. Abstract No. 122.3. <http://sfn.scholarone.com>. cd-rom.  
Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience.  
Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.  
DT Conference; (Meeting)  
Conference; (Meeting Poster)  
Conference; Abstract; (Meeting Abstract)  
LA English  
ED Entered STN: 11 Jun 2003  
Last Updated on STN: 11 Jun 2003

L3 ANSWER 132 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2001:525847 CAPLUS  
DN 135:104271  
TI Alzheimer's disease-associated .beta.-secretase and amyloid precursor  
protein substrates and their therapeutic uses  
IN Bienkowski, Michael Jerome; Gurney, Mark E.; Heinrikson, Robert Leroy;  
Parodi, Luis A.; Yan, Riqiang  
PA USA  
SO PCT Int. Appl., 185 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 7

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001050829	A2	20010719	WO 2001-IB799	20010509
	WO 2001050829	A3	20031204		
	W: US				
	US 6699671	B1	20040302	US 1999-416901	19991013
PRAI	US 1999-416901	A1	19991013		
	US 1998-101594P	P	19980924		
	US 1999-155493P	P	19990923		
	US 1999-404133	B2	19990923		
	WO 1999-US20881	A2	19990923		

L3 ANSWER 133 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2001:507467 CAPLUS  
DN 135:104269  
TI Alzheimer's disease-associated .beta.-secretase and amyloid precursor  
protein substrates and their therapeutic uses  
IN Bienkowski, Michael Jerome; Gurney, Mark E.; Heinrikson, Robert Leroy;  
Parodi, Luis A.; Yan, Riqiang  
PA USA  
SO PCT Int. Appl., 185 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 7

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001049098	A2	20010712	WO 2001-IB798	20010509
	WO 2001049098	A3	20031120		
	W: US				
	US 6699671	B1	20040302	US 1999-416901	19991013
	US 2004234976	A1	20041125	US 2003-476935	20031106
PRAI	US 1999-416901	A1	19991013		
	US 1998-101594P	P	19980924		
	US 1999-155493P	P	19990923		
	US 1999-404133	B2	19990923		

L3 ANSWER 134 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2001:507466 CAPLUS  
 DN 135:104268  
 TI Alzheimer's disease-associated .beta.-secretase and amyloid precursor  
 protein substrates and their therapeutic uses  
 IN Bienkowski, Michael Jerome; Gurney, Mark E.; Heinrikson, Robert Leroy;  
 Parodi, Luis A.; Yan, Riqiang  
 PA USA  
 SO PCT Int. Appl., 185 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 7

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001049097	A2	20010712	WO 2001-IB797	20010509
	WO 2001049097	A3	20031120		
	W: US				
	US 6699671	B1	20040302	US 1999-416901	19991013
	US 2003077226	A1	20030424	US 2001-869414	20010627
	US 6790610	B2	20040914		
PRAI	US 1999-416901	A1	19991013		
	US 1998-101594P	P	19980924		
	US 1999-155493P	P	19990923		
	US 1999-404133	B2	19990923		
	WO 1999-US20881	A2	19990923		
	WO 2001-IB797	W	20010509		

L3 ANSWER 135 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2001:746432 SCISEARCH  
 GA The Genuine Article (R) Number: 471CP  
 TI BACE2 functions as an alternative alpha-secretase in cells  
 AU Yan R Q (Reprint); Munzner J B; Shuck M E; Bienkowski M J  
 CS Pharmacia Corp, Dept Cell & Mol Biol, 301 Henrietta St, Kalamazoo, MI  
 49007 USA (Reprint); Pharmacia Corp, Dept Cell & Mol Biol, Kalamazoo, MI  
 49007 USA  
 CYA USA  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (7 SEP 2001) Vol. 276, No. 36, pp.  
 34019-34027.  
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE  
 PIKE, BETHESDA, MD 20814 USA.  
 ISSN: 0021-9258.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 35  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 136 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2001:526590 SCISEARCH  
 GA The Genuine Article (R) Number: 446TW  
 TI Prodomain processing of Aspl (BACE2) is autocatalytic  
 AU Hussain I; Christie G; Schneider K; Moore S; Dingwall C (Reprint)  
 CS GlaxoSmithKlin; Neurol Ctr Excellence Drug Discovery, New Frontiers Sci  
 Pk, 3rd Ave, Harlow CM19 5AW, Essex, England (Reprint); GlaxoSmithKlin,  
 Neurol Ctr Excellence Drug Discovery, Harlow CM19 5AW, Essex, England;  
 GlaxoSmithKlin, Dept Computat & Struct Sci, Harlow CM19 5AW, Essex,  
 England  
 CYA England  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (29 JUN 2001) Vol. 276, No. 26, pp.  
 23322-23328.  
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE  
 PIKE, BETHESDA, MD 20814 USA.  
 ISSN: 0021-9258.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 35  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 137 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2001:392534 SCISEARCH

TI Phosphorylation regulates intracellular trafficking of beta-secretase  
 AU Walter J (Reprint); Fluhrer R; Hartung B; Willem M; Kaether C; Capell A;  
 Lammich S; Multhaup G; Haass C  
 CS Univ Munich, Adolf Butenandt Inst, Dept Biochem, Lab Alzheimers &  
 Parkinsons Dis Res, 44 Schillerstr, D-80336 Munich, Germany (Reprint);  
 Univ Munich, Adolf Butenandt Inst, Dept Biochem, Lab Alzheimers &  
 Parkinsons Dis Res, D-80336 Munich, Germany; Ctr Mol Biol, D-69120  
 Heidelberg, Germany  
 CYA Germany  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (4 MAY 2001) Vol. 276, No. 18, pp.  
 14634-14641.  
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE  
 PIKE, BETHESDA, MD 20814 USA.  
 ISSN: 0021-9258.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 45  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 138 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2001:339803 SCISEARCH  
 GA The Genuine Article (R) Number: 421UK  
 TI A splice variant of beta-secretase deficient in the amyloidogenic  
 processing of the amyloid precursor protein  
 AU Bodendorf U; Fischer F; Bodian D; Multhaup G; Paganetti P (Reprint)  
 CS Novartis Pharma AG, Nervous Syst, WSJ-386-8-28, CH-4002 Basel, Switzerland  
 (Reprint); Novartis Pharma AG, Nervous Syst, CH-4002 Basel, Switzerland;  
 Novartis Pharmaceut Corp, Funct Gen, Summit, NJ 07901 USA; Univ  
 Heidelberg, Ctr Mol Biol, D-69120 Heidelberg, Germany  
 CYA Switzerland; USA; Germany  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (13 APR 2001) Vol. 276, No. 15, pp.  
 12019-12023.  
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE  
 PIKE, BETHESDA, MD 20814 USA.  
 ISSN: 0021-9258.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 22  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 139 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2001:361726 SCISEARCH  
 GA The Genuine Article (R) Number: 420AC  
 TI Post-translational processing of beta-secretase (beta-amyloid-converting  
 enzyme) and its ectodomain shedding - The pro- and transmembrane/cytosolic  
 domains affect its cellular activity and amyloid-beta production  
 AU Benjannet S; Elagoz A; Wickham L; Mamarbachi M; Munzer J S; Basak A;  
 Lazure C; Cromlish J A; Sisodia S; Checler F; Chretien M; Seidah N G  
 (Reprint)  
 CS Clin Res Inst Montreal, 110 Pine Ave W, Montreal, PQ H2W 1R7, Canada  
 (Reprint); Clin Res Inst Montreal, Montreal, PQ H2W 1R7, Canada; Ottawa  
 Hosp, Loeb Hlth Res Inst, Dis Aging Unit, Ottawa, ON K1Y 4K9, Canada; Clin  
 Res Inst Montreal, Montreal, PQ H2W 1R7, Canada; Univ Chicago, Dept  
 Pharmacol & Physiol Sci, Chicago, IL 60637 USA; CNRS, Inst Pharmacol Mol &  
 Cellulaire, UPR 411, F-06560 Valbonne, France  
 CYA Canada; USA; France  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (6 APR 2001) Vol. 276, No. 14, pp.  
 10879-10887.  
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE  
 PIKE, BETHESDA, MD 20814 USA.  
 ISSN: 0021-9258.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 48  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 140 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2001:321164 SCISEARCH  
 GA The Genuine Article (R) Number: 420GC  
 TI The Pro domain of beta-secretase does not confer strict zymogen-like  
 properties but does assist proper folding of the protease domain  
 AU Shi X P; Chen E; Yin K C; Na S; Garsky V M; Lai M T; Li Y M; Platchek M;

Garðell S J (Reprint)  
 CS Merck Res Labs, Dept Biol Chem, WP42-213, W Point, PA 19486 USA (Reprint);  
 Merck Res Labs, Dept Biol Chem, W Point, PA 19486 USA; Merck Res Labs,  
 Dept Med Chem, W Point, PA 19486 USA  
 CYA USA  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (30 MAR 2001) Vol. 276, No. 13, pp.  
 10366-10373.  
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE  
 PIKE, BETHESDA, MD 20814 USA.  
 ISSN: 0021-9258.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 27  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 141 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation. on STN  
 AN 2001:165074 SCISEARCH  
 GA The Genuine Article (R) Number: 401HB  
 TI Processing of beta-secretase by furin and other members of the proprotein  
 convertase family  
 AU Creemers J W M; Dominguez D I; Plets E; Serneels L; Taylor N A; Multhaup  
 G; Craessaerts K; Annaert W; De Strooper D (Reprint)  
 CS Katholieke Univ Leuven, Neuronal Cell Biol Lab, B-3000 Louvain, Belgium  
 (Reprint); Katholieke Univ Leuven, Mol Oncol Lab, Ctr Human Genet, B-3000  
 Louvain, Belgium; Flemish Interuniv Inst Biotechnol, B-3000 Louvain,  
 Belgium; Univ Heidelberg, ZMBH, D-6900 Heidelberg, Germany  
 CYA Belgium; Germany  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (9 FEB 2001) Vol. 276, No. 6, pp.  
 4211-4217.  
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE  
 PIKE, BETHESDA, MD 20814 USA.  
 ISSN: 0021-9258.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 37  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 142 OF 170 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN  
 AN 2002:22853 BIOSIS  
 DN PREV200200022853  
 TI Production and accumulation of different amyloid beta peptides in brain  
 and cerebrospinal fluid of rodents and in transfected cell-lines.  
 AU Pype, S. [Reprint author]; Geraerts, M. [Reprint author]; Vandermeeren, M.  
 [Reprint author]; Bouyaghroumni, M. [Reprint author]; Brepoels, E.  
 [Reprint author]; Van Hove, C. [Reprint author]; Dillen, L. [Reprint  
 author]; Mercken, M. [Reprint author]  
 CS Neurobiochemistry, Janssen Res. Found., Beerse, Belgium  
 SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 2, pp. 2557.  
 print.  
 Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San  
 Diego, California, USA. November 10-15, 2001.  
 ISSN: 0190-5295.  
 DT Conference; (Meeting)  
 LA Conference; Abstract; (Meeting Abstract)  
 LA English  
 ED Entered STN: 26 Dec 2001  
 Last Updated on STN: 26 Feb 2002

L3 ANSWER 143 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation. on STN  
 AN 2001:532970 SCISEARCH  
 GA The Genuine Article (R) Number: 446HZ  
 TI Association studies using novel polymorphisms in \*\*\*BACE1\*\*\* and BACE2  
 AU Nowotny P; Kwon J M; Chakraverty S; Nowotny V; Morris J C; Goate A M  
 (Reprint)  
 CS Washington Univ, Sch Med, Dept Psychiat B8134, 660 S Euclid St, St Louis,  
 MO 63110 USA (Reprint); Washington Univ, Sch Med, Dept Psychiat B8134, St  
 Louis, MO 63110 USA; Washington Univ, Sch Med, Dept Neurol, St Louis, MO  
 63110 USA; Washington Univ, Sch Med, Dept Genet, St Louis, MO 63110 USA  
 CYA USA  
 SO NEUROREPORT, (3 JUL 2001) Vol. 12, No. 9, pp. 1799-1802.  
 Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA  
 19106-3621 USA.

DT Article; Journal  
LA English  
REC Reference Count: 24  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 144 OF 170 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN  
AN 2001:547770 BIOSIS  
DN PREV200100547770  
TI Cellular mechanisms of lipid mediated regulation of \*\*\*Alzheimers\*\*\*  
\*\*\*disease\*\*\* Abeta secretases and presenilin localization.  
AU Hartmann, T. [Reprint author]; Bergmann, C. [Reprint author]; Runz, H.  
[Reprint author]; Grziwa, B. [Reprint author]; Grimm, H. [Reprint author];  
Keller, P.; Simons, M.; Pepperkok, R.; Fassbender, K.; Zhang, D.;  
Beyreuther, K. [Reprint author]  
CS Molec Biol, Univ Heidelberg, Heidelberg, Germany  
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 2, pp. 1518.  
print.  
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San  
Diego, California, USA. November 10-15, 2001.  
ISSN: 0190-5295.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LA English  
ED Entered STN: 21 Nov 2001  
Last Updated on STN: 25 Feb 2002

L3 ANSWER 145 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN  
AN 2001:682007 SCISEARCH  
GA The Genuine Article (R) Number: 466GE  
TI Compartmentalization of beta-secretase ( \*\*\*Asp2\*\*\* ) into low-buoyant  
density, noncaveolar lipid rafts  
AU Riddell D R; Christie G; Hussain I; Dingwall C (Reprint)  
CS GlaxoSmithKline, Neurol Ctr Excellence Drug Discovery, New Frontiers Sci  
Pk, 3rd Ave, Harlow CM19 5AW, Essex, England (Reprint); GlaxoSmithKline,  
Neurol Ctr Excellence Drug Discovery, Harlow CM19 5AW, Essex, England  
CYA England  
SO CURRENT BIOLOGY, (21 AUG 2001) Vol. 11, No. 16, pp. 1288-1293.  
Publisher: CELL PRESS, 1100 MASSACHUSETTES AVE,, CAMBRIDGE, MA 02138 USA.  
ISSN: 0960-9822.  
DT Article; Journal  
LA English  
REC Reference Count: 32  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 146 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN  
AN 2002:25953 SCISEARCH  
GA The Genuine Article (R) Number: 505BV  
TI Ibuprofen decreases cytokine-induced amyloid beta production in neuronal  
cells  
AU Blasko I; Apochal A; Boeck G; Hartmann T; Grubeck-Loebenstien B (Reprint);  
Ransmayr G  
CS Austrian Acad Sci, Inst Biomed Aging Res, Innsbruck, Austria (Reprint);  
Univ Innsbruck Hosp, Dept Neurol, A-6020 Innsbruck, Austria; Innsbruck  
Univ, Inst Pathophysiol, A-6020 Innsbruck, Austria; Univ Heidelberg, Ctr  
Mol Biol, D-6900 Heidelberg, Germany  
CYA Austria; Germany  
SO NEUROBIOLOGY OF DISEASE, (DEC 2001) Vol. 8, No. 6, pp. 1094-1101.  
Publisher: ACADEMIC PRESS INC, 525 B ST, STE 1900, SAN DIEGO, CA  
92101-4495 USA.  
ISSN: 0969-9961.  
DT Article; Journal  
LA English  
REC Reference Count: 25  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 147 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN  
AN 2001:480297 SCISEARCH  
GA The Genuine Article (R) Number: 440TH  
TI Statine-derived tetrapeptide inhibitors of beta-secretase - Elan Pharm.,  
Inc.: WO0077030  
AU ANON

1047-1050.

Publisher: ASHLEY PUBLICATIONS LTD, UNITEC HOUSE, 3RD FL, 2 ALBERT PLACE  
FINCHLEY CENTRAL, LONDON N3 1QB, ENGLAND.

ISSN: 1354-3776.

DT Article; Journal

LA English

REC Reference Count: 28

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 148 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN

AN 2001:210557 SCISEARCH

GA The Genuine Article (R) Number: 405GN

TI Characterization of recombinant, soluble beta-secretase from an insect  
cell expression system

AU Mallender W D; Yager D; Onstead L; Nichols M R; Eckman C; Sambamurti K;  
Kopcho L M; Marcinkeviciene J; Copeland R A; Rosenberry T L (Reprint)

CS Mayo Clin Jacksonville, Mayo Fdn Med Educ & Res, Dept Pharmacol, 4500 San  
Pablo Rd, Jacksonville, FL 32224 USA (Reprint); Mayo Clin Jacksonville,  
Mayo Fdn Med Educ & Res, Dept Pharmacol, Jacksonville, FL 32224 USA; Mayo  
Clin Jacksonville, Mayo Fdn Med Educ & Res, Dept Res, Jacksonville, FL  
32224 USA; Dupont Pharmaceut Co, Dept Chem Enzymol, Wilmington, DE USA

CYA USA

SO MOLECULAR PHARMACOLOGY, (MAR 2001) Vol. 59, No. 3, pp. 619-626.

Publisher: AMER SOC PHARMACOLOGY EXPERIMENTAL THERAPEUTICS, 9650 ROCKVILLE  
PIKE, BETHESDA, MD 20814-3998 USA.

ISSN: 0026-895X.

DT Article; Journal

LA English

REC Reference Count: 41

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 149 OF 170 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on  
STN DUPLICATE 9

AN 2001:560122 BIOSIS

DN PREV200100560122

TI Amyloid beta-secretase gene ( \*\*\*BACE\*\*\* ) is neither mutated nor  
associated with early-onset \*\*\*Alzheimers\*\*\* \*\*\*disease\*\*\*

AU Cruts, M. [Reprint author]; Dermaut, B. [Reprint author]; Rademakers, R.  
[Reprint author]; Roks, G.; Van den Broeck, M. [Reprint author]; Munteanu,  
G. [Reprint author]; van Duijn, C. M. [Reprint author]; Van Broeckhoven,  
C. [Reprint author]

CS Department of Biochemistry, Flanders Interuniversity Institute for  
Biotechnology (VIB), University of Antwerp (U.I.A.), Antwerpen, Belgium

SO American Journal of Human Genetics, (October, 2001) Vol. 69, No. 4  
Supplement, pp. 546. print.

Meeting Info.: 51st Annual Meeting of the American Society of Human  
Genetics. San Diego, California, USA. October 12-16, 2001.

CODEN: AJHGAG. ISSN: 0002-9297.

DT Conference; (Meeting)

Conference; Abstract; (Meeting Abstract)

Conference; (Meeting Poster)

LA English

ED Entered STN: 5 Dec 2001

Last Updated on STN: 25 Feb 2002

L3 ANSWER 150 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN

AN 2001:544030 SCISEARCH

GA The Genuine Article (R) Number: 442AF

TI Convertases other than furin cleave beta-secretase to its mature form

AU Pinnix I; Council J E; Roseberry B; Onstead L; Mallender W; Sucic J;  
Sambamurti K (Reprint)

CS Mayo Clin, Dept Neurosci, 4500 San Pablo Rd, Jacksonville, FL 32224 USA  
(Reprint); Mayo Clin, Dept Neurosci, Jacksonville, FL 32224 USA; Univ  
Michigan, Dept Biol, Flint, MI 48502 USA

CYA USA

SO FASEB JOURNAL, (JUN 2001) Vol. 15, No. 8, pp. U515-U532.

Publisher: FEDERATION AMER SOC EXP BIOL, 9650 ROCKVILLE PIKE, BETHESDA, MD  
20814-3998 USA.

ISSN: 0892-6638.

DT Article; Journal

LA English

REC Reference Count: 53

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 151 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2001:467907 SCISEARCH  
 GA The Genuine Article (R) Number: 438AZ  
 TI Neuronal and glial beta-secretase ( \*\*\*BACE\*\*\* ) protein expression in  
 transgenic Tg2576 mice with amyloid plaque pathology  
 AU Rossner S (Reprint); Apelt J; Schliebs R; Perez-Polo J R; Bigl V  
 CS Univ Leipzig, Dept Neurochem, Paul Flechsig Inst Brain Res, Jahnallee 59,  
 D-04109 Leipzig, Germany (Reprint); Univ Leipzig, Dept Neurochem, Paul  
 Flechsig Inst Brain Res, D-04109 Leipzig, Germany; Univ Texas, Med Branch,  
 Dept Human Biol Chem & Genet, Galveston, TX 77550 USA  
 CYA Germany; USA  
 SO JOURNAL OF NEUROSCIENCE RESEARCH, (1 JUN 2001) Vol. 64, No. 5, pp.  
 437-446.  
 Publisher: WILEY-LISS, DIV JOHN WILEY & SONS INC, 605 THIRD AVE, NEW YORK,  
 NY 10158-0012 USA.  
 ISSN: 0360-4012.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 38  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 152 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2001:210757 SCISEARCH  
 GA The Genuine Article (R) Number: 405UE  
 TI \*\*\*BACE1\*\*\* is the major beta-secretase for generation of A beta  
 peptides by neurons  
 AU Cai H B; Wang Y S; McCarthy D; Wen H J; Borchelt D R; Price D L; Wong P C  
 (Reprint)  
 CS Johns Hopkins Univ, Sch Med, Dept Pathol, Baltimore, MD 21205 USA  
 (Reprint); Johns Hopkins Univ, Sch Med, Dept Neurol, Baltimore, MD 21205  
 USA; Johns Hopkins Univ, Sch Med, Dept Neurosci, Baltimore, MD 21205 USA;  
 Johns Hopkins Univ, Sch Med, Dept Mol Biol & Genet, Baltimore, MD 21205  
 USA; Johns Hopkins Univ, Sch Med, Program Cellular & Mol Med, Baltimore,  
 MD 21205 USA; CIPHERGEN BIOSYST, Fremont, CA 94555 USA  
 CYA USA  
 SO NATURE NEUROSCIENCE, (MAR 2001) Vol. 4, No. 3, pp. 233-234.  
 Publisher: NATURE AMERICA INC, 345 PARK AVE SOUTH, NEW YORK, NY 10010-1707  
 USA.  
 ISSN: 1097-6256.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 15

L3 ANSWER 153 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2001:72027 SCISEARCH  
 GA The Genuine Article (R) Number: 390XV  
 TI beta-site APP cleaving enzyme mRNA expression in APP transgenic mice -  
 Anatomical overlap with transgene expression and static levels with aging  
 AU Irizarry M C; Locascio J J; Hyman B T (Reprint)  
 CS Massachusetts Gen Hosp, Alzheimers Dis Res Unit, 149 13th St, Charlestown,  
 MA 02129 USA (Reprint); Massachusetts Gen Hosp, Alzheimers Dis Res Unit,  
 Charlestown, MA 02129 USA; MIT, Dept Brain & Cognit Sci, Cambridge, MA  
 02139 USA  
 CYA USA  
 SO AMERICAN JOURNAL OF PATHOLOGY, (JAN 2001) Vol. 158, No. 1, pp. 173-177.  
 Publisher: AMER SOC INVESTIGATIVE PATHOLOGY, INC, 9650 ROCKVILLE PIKE,  
 BETHESDA, MD 20814-3993 USA.  
 ISSN: 0002-9440.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 31  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 154 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2001:982611 SCISEARCH  
 GA The Genuine Article (R) Number: 500AG  
 TI The functional gamma-secretase inhibitor prevents production of amyloid  
 beta 1-34 in human and murine cell lines  
 AU Vandermeeren M; Geraerts M; Pype S (Reprint); Dillen L; Van Hove C;  
 Mercken M  
 CS Janssen Res Fdn, CNS Discovery Res, Turnhoutseweg 30, B-2340 Beerse,

Belgium; Janssen Res Fdn, Genom Technol, B-2340 Beerse, Belgium  
 CYA Belgium  
 SO NEUROSCIENCE LETTERS, (27 NOV 2001) Vol. 315, No. 3, pp. 145-148.  
 Publisher: ELSEVIER SCI IRELAND LTD, CUSTOMER RELATIONS MANAGER, BAY 15,  
 SHANNON INDUSTRIAL ESTATE CO, CLARE, IRELAND.  
 ISSN: 0304-3940.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 15  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 155 OF 170 IMSDRUGNEWS COPYRIGHT 2005 IMSWORLD on STN

ACCESSION NUMBER: 2000:3348 IMSDRUGNEWS  
 TITLE: \*\*\*memapsin\*\*\* \*\*\*2\*\*\* inhibitors, Zapag Oklahoma  
 Medical Research Foundation therapeutic approach  
 identified  
 SOURCE: R&D Focus Drug News (16 Oct 2000).  
 WORD COUNT: 82

L3 ANSWER 156 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2000:573830 CAPLUS  
 DN 133:189858  
 TI Beta-secretase and methods for screening for beta-secretase inhibitors  
 useful for treatment of cerebrovascular amyloidosis  
 IN Anderson, John P.; Basi, Gurigbal; Doane, Minh Tam; Frigon, Normand; John,  
 Varghese; Power, Michael; Sinha, Sukanto; Tatsuno, Gwen; Tung, Jay; Wang,  
 Shuwen; Mcconlogue, Lisa  
 PA Elan Pharmaceuticals, Inc., USA  
 SO PCT Int. Appl., 121 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000047618	A2	20000817	WO 2000-US3819	20000210
	WO 2000047618	A3	20010907		
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2359785	AA	20000817	CA 2000-2359785	20000210
	AU 2000040009	A5	20000829	AU 2000-40009	20000210
	EP 1165609	A2	20020102	EP 2000-919298	20000210
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	GB 2364059	A1	20020116	GB 2001-21314	20000210
	GB 2364059	B2	20040114		
	JP 2003524393	T2	20030819	JP 2000-598533	20000210
	EP 1445263	A1	20040811	EP 2004-6991	20000210
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
	US 6627739	B1	20030930	US 2000-724566	20001128
PRAI	US 1999-119571P	P	19990210		
	US 1999-139172P	P	19990615		
	EP 2000-919298	A3	20000210		
	US 2000-501708	A1	20000210		
	WO 2000-US3819	W	20000210		

L3 ANSWER 157 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN

AN 2000:777540 SCISEARCH  
 GA The Genuine Article (R) Number: 362DE  
 TI Maturation and pro-peptide cleavage of beta-secretase  
 AU Capell A; Steiner H; Willem M; Kaiser H; Meyer C; Walter J; Lammich S;  
 Multhaup G; Haass C (Reprint)  
 CS UNIV MUNICH, ADOLF BUTENANDT INST, DEPT BIOCHEM, LAB ALZHEIMERS DIS RES,  
 SCHILLERSTR 44, D-80336 MUNICH, GERMANY (Reprint); UNIV MUNICH, ADOLF  
 BUTENANDT INST, DEPT BIOCHEM, LAB ALZHEIMERS DIS RES, D-80336 MUNICH,  
 GERMANY; UNIV HEIDELBERG, CTR MOL BIOL ZMBH, D-69120 HEIDELBERG, GERMANY  
 CYA GERMANY

30849-30854.

Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE  
PIKE, BETHESDA, MD 20814.

ISSN: 0021-9258.

DT Article; Journal

FS LIFE

LA English

REC Reference Count: 31

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 158 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN

AN 2000:534362 SCISEARCH

GA The Genuine Article (R) Number: 332QG

TI Expression analysis of BACE2 in brain and peripheral tissues

AU Bennett B D; BabuKhan S; Loeloff R; Louis J C; Curran E; Citron M; Vassar  
R (Reprint)

CS AMGEN INC, 1 AMGEN CTR DR, M-S 29-2-B, THOUSAND OAKS, CA 91320 (Reprint);  
AMGEN INC, THOUSAND OAKS, CA 91320

CYA USA

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (7 JUL 2000) Vol. 275, No. 27, pp.  
20647-20651.

Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE  
PIKE, BETHESDA, MD 20814.

ISSN: 0021-9258.

DT Article; Journal

FS LIFE

LA English

REC Reference Count: 28

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 159 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN

AN 2000:785734 SCISEARCH

GA The Genuine Article (R) Number: 363CB

TI Proteolytic activation of recombinant pro- \*\*\*memapsin\*\*\* \*\*\*2\*\*\*  
(pro-beta-secretase) studied with new fluorogenic substrates

AU Ermolieff J; Loy J A; Koelsch G; Tang J (Reprint)

CS OKLAHOMA MED RES FDN, PROT STUDIES PROGRAM, 825 NE 13TH ST, OKLAHOMA CITY,  
OK 73104 (Reprint); OKLAHOMA MED RES FDN, PROT STUDIES PROGRAM, OKLAHOMA  
CITY, OK 73104; UNIV OKLAHOMA, HLTH SCI CTR, DEPT BIOCHEM & MOL BIOL,  
OKLAHOMA CITY, OK 73104

CYA USA

SO BIOCHEMISTRY, (10 OCT 2000) Vol. 39, No. 40, pp. 12450-12456.

Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036.

ISSN: 0006-2960.

DT Article; Journal

FS LIFE

LA English

REC Reference Count: 25

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 160 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
on STN

AN 2000:644266 SCISEARCH

GA The Genuine Article (R) Number: 345XM

TI BACE2, a beta-secretase homolog; cleaves at the beta site and within the  
amyloid-beta region of the amyloid-beta precursor protein

AU Farzan M (Reprint); Schnitzler C E; Vasilieva N; Leung D; Choe H

CS DANA FARBER CANC INST, DEPT CANC IMMUNOL & AIDS, BOSTON, MA 02115  
(Reprint); CHILDRENS HOSP, DEPT PATHOL, BOSTON, MA 02115; CHILDRENS HOSP,  
PERLMUTTER LAB, BOSTON, MA 02115; HARVARD UNIV, SCH MED, DEPT MED, BOSTON,  
MA 02115

CYA USA

SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF  
AMERICA, (15 AUG 2000) Vol. 97, No. 17, pp. 9712-9717.

Publisher: NATL ACAD SCIENCES, 2101 CONSTITUTION AVE NW, WASHINGTON, DC  
20418.

ISSN: 0027-8424.

DT Article; Journal

FS LIFE

LA English

REC Reference Count: 29

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

on STN  
 AN 2000:796905 SCISEARCH  
 GA The Genuine Article (R) Number: 365AA  
 TI Coordinated expression of beta-amyloid precursor protein and the putative  
 beta-secretase \*\*\*BACE\*\*\* and alpha-secretase ADAM10 in mouse and  
 human brain  
 AU Marcinkiewicz M (Reprint); Seidah N G  
 CS CLIN RES INST MONTREAL, BIOCHEM NEUROENDOCRINOL LAB, 110 PINE AVE W,  
 MONTREAL, PQ H2W 1R7, CANADA (Reprint)  
 CYA CANADA  
 SO JOURNAL OF NEUROCHEMISTRY, (NOV 2000) Vol. 75, No. 5, pp. 2133-2143.  
 Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA  
 19106-3621.  
 ISSN: 0022-3042.  
 DT Article; Journal  
 FS LIFE  
 LA English  
 REC Reference Count: 47  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 162 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2000:480554 SCISEARCH  
 GA The Genuine Article (R) Number: 326KM  
 TI Proteolytic processing and cell biological functions of the amyloid  
 precursor protein  
 AU DeStrooper B (Reprint); Annaert W  
 CS FLANDERS INTERUNIV INST BIOTECHNOL, CTR HUMAN GENET, LOUVAIN, BELGIUM  
 (Reprint); KATHOLIEKE UNIV LEUVEN, LOUVAIN, BELGIUM  
 CYA BELGIUM  
 SO JOURNAL OF CELL SCIENCE, (JUN 2000) Vol. 113, No. 11, pp. 1857-1870.  
 Publisher: COMPANY OF BIOLOGISTS LTD, BIDDER BUILDING CAMBRIDGE COMMERCIAL  
 PARK COWLEY RD, CAMBRIDGE CB4 4DL, CAMBS, ENGLAND.  
 ISSN: 0021-9533.  
 DT General Review; Journal  
 FS LIFE  
 LA English  
 REC Reference Count: 202  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 163 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2000:166635 SCISEARCH  
 GA The Genuine Article (R) Number: 285VU  
 TI Human aspartic protease \*\*\*memapsin\*\*\* \*\*\*2\*\*\* cleaves the  
 beta-secretase site of beta-amyloid precursor protein  
 AU Lin X L; Koelsch C; Wu S L; Downs D; Dashti A; Tang J (Reprint)  
 CS OKLAHOMA MED RES FDN, PROT STUDIES PROGRAM, 825 NE 13TH ST, OKLAHOMA CITY,  
 OK 73104 (Reprint); OKLAHOMA MED RES FDN, PROT STUDIES PROGRAM, OKLAHOMA  
 CITY, OK 73104; UNIV OKLAHOMA, HLTH SCI CTR, DEPT BIOCHEM & MOL BIOL,  
 OKLAHOMA CITY, OK 73104  
 CYA USA  
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF  
 AMERICA, (15 FEB 2000) Vol. 97, No. 4, pp. 1456-1460.  
 Publisher: NATL ACAD SCIENCES, 2101 CONSTITUTION AVE NW, WASHINGTON, DC  
 20418.  
 ISSN: 0027-8424.  
 DT Article; Journal  
 FS LIFE  
 LA English  
 REC Reference Count: 18  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 164 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2000:920752 SCISEARCH  
 GA The Genuine Article (R) Number: 378XT  
 TI ASP1 (BACE2) cleaves the amyloid precursor protein at the beta-secretase  
 site  
 AU Hussain I; Powell D J; Howlett D R; Chapman G A; Gilmour L; Murdock P R;  
 Tew D G; Meek T D; Chapman C; Schneider K; Ratcliffe S J; Tattersall D;  
 Testa T T; Southan C; Ryan D M; Simmons D L; Walsh F S; Dingwall C;  
 Christie G (Reprint)  
 CS SMITHKLINE BEECHAM PHARMACEUT, DEPT NEUROSCI RES, NEW FRONTIERS SCI PK,  
 HARLOW CM19 5AW, ESSEX, ENGLAND (Reprint); SMITHKLINE BEECHAM PHARMACEUT,

PHARMACEUT, DEPT MOL SCREENING TECHNOL, HARLOW CM19 5AW, ESSEX, ENGLAND;  
 SMITHKLINE BEECHAM PHARMACEUT, DEPT BIOTECHNOL & GENET, HARLOW CM19 5AW,  
 ESSEX, ENGLAND; SMITHKLINE BEECHAM PHARMACEUT, DEPT DISCOVERY CHEM, HARLOW  
 CM19 5AW, ESSEX, ENGLAND; SMITHKLINE BEECHAM PHARMACEUT, DEPT BIOINFORMAT,  
 HARLOW CM19 5AW, ESSEX, ENGLAND; SMITHKLINE BEECHAM PHARMACEUT, DEPT MED  
 CHEM, KING OF PRUSSIA, PA 19406; SMITHKLINE BEECHAM PHARMACEUT, DEPT MOL  
 SCREENING TECHNOL, KING OF PRUSSIA, PA 19406  
 CYA ENGLAND; USA  
 SO MOLECULAR AND CELLULAR NEUROSCIENCE, (NOV 2000) Vol. 16, No. 5, pp.  
 609-619.  
 Publisher: ACADEMIC PRESS INC, 525 B ST, STE 1900, SAN DIEGO, CA  
 92101-4495.  
 ISSN: 1044-7431.  
 DT Article; Journal  
 FS LIFE  
 LA English  
 REC Reference Count: 34  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 165 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2001:149665 SCISEARCH  
 GA The Genuine Article (R) Number: 400MG  
 TI Amyloid precursor protein beta-secretase ( \*\*\*BACE\*\*\* ) mRNA expression  
 in human neural cell lines following induction of neuronal differentiation  
 and exposure to cytokines and growth factors  
 AU Satoh J (Reprint); Kuroda Y  
 CS Saga Med Sch, Dept Internal Med, Div Neurol, Saga 8498501, Japan  
 CYA Japan  
 SO NEUROPATHOLOGY, (DEC 2000) Vol. 20, No. 4, pp. 289-296.  
 Publisher: BLACKWELL SCIENCE ASIA, 54 UNIVERSITY ST, P O BOX 378, CARLTON,  
 VICTORIA 3053, AUSTRALIA.  
 ISSN: 0919-6544.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 32  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 166 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2000:764037 SCISEARCH  
 GA The Genuine Article (R) Number: 361LP  
 TI Structure of the protease domain of \*\*\*memapsin\*\*\* \*\*\*2\*\*\*  
 (beta-secretase) complexed with inhibitor  
 AU Hong L; Koelsch G; Lin X L; Wu S L; Terzyan S; Ghosh A K; Zhang X C; Tang  
 J (Reprint)  
 CS OKLAHOMA MED RES FDN, PROT STUDIES PROGRAM, 825 NE 13TH ST, OKLAHOMA CITY,  
 OK 73104 (Reprint); OKLAHOMA MED RES FDN, PROT STUDIES PROGRAM, OKLAHOMA  
 CITY, OK 73104; OKLAHOMA MED RES FDN, CRYSTALLOG PROGRAM, OKLAHOMA CITY,  
 OK 73104; UNIV ILLINOIS, DEPT CHEM, CHICAGO, IL 60607; UNIV OKLAHOMA, HLTH  
 SCI CTR, DEPT BIOCHEM & MOL BIOL, OKLAHOMA CITY, OK 73104  
 CYA USA  
 SO SCIENCE, (6 OCT 2000) Vol. 290, No. 5489, pp. 150-153.  
 Publisher: AMER ASSOC ADVANCEMENT SCIENCE, 1200 NEW YORK AVE, NW,  
 WASHINGTON, DC 20005.  
 ISSN: 0036-8075.  
 DT Article; Journal  
 FS PHYS; LIFE; AGRI  
 LA English  
 REC Reference Count: 32  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 167 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.  
 on STN  
 AN 2000:160579 SCISEARCH  
 GA The Genuine Article (R) Number: 286PA  
 TI The gene encoding DRAP (BACE2), a glycosylated transmembrane protein of  
 the aspartic protease family, maps to the Down critical region  
 AU Acquati F; Accarino M; Nucci C; Fumagalli P; Jovine L; Ottolenghi S;  
 Taramelli R (Reprint)  
 CS UNIV INSUBRIA, DIPARTIMENTO STRUTTURALE & FUNZIONALE, VIA DUNANT 3,  
 VARESE, ITALY (Reprint); UNIV INSUBRIA, DIPARTIMENTO STRUTTURALE &  
 FUNZIONALE, VARESE, ITALY; UNIV MILAN, DIPARTIMENTO GENET & BIOL  
 MICRORGANISMI, MILAN, ITALY; OSPED SAN RAFFAELE, IRCCS, I-20132 MILAN,  
 ITALY; MRC, MOL BIOL LAB, STRUCT STUDIES DIV, CAMBRIDGE CB2 2QH, ENGLAND

SO FEBS LETTERS, (18 FEB 2000) Vol. 468, No. 1, pp. 59-64.  
Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM,  
NETHERLANDS.  
ISSN: 0014-5793.  
DT Article; Journal  
FS LIFE  
LA English  
REC Reference Count: 34  
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on STN

AN 2000:797154 SCISEARCH  
GA The Genuine Article (R) Number: 365BZ  
TI Regulation of APP cleavage by alpha-, beta- and gamma-secretases  
AU Nunan J; Small D H (Reprint)  
CS UNIV MELBOURNE, DEPT PATHOL, MOL NEUROBIOL LAB, MELBOURNE, VIC 3010,  
AUSTRALIA (Reprint); UNIV MELBOURNE, DEPT PATHOL, MOL NEUROBIOL LAB,  
MELBOURNE, VIC 3010, AUSTRALIA

CYA AUSTRALIA  
SO FEBS LETTERS, (13 OCT 2000) Vol. 483, No. 1, pp. 6-10.  
Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM,  
NETHERLANDS.  
ISSN: 0014-5793.  
DT General Review; Journal  
FS LIFE  
LA English  
REC Reference Count: 51  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 169 OF 170 FEDRIP COPYRIGHT 2005 NTIS on STN  
AN 2004:152026 FEDRIP  
NR CRISP 2P01AG011542-11 0005  
TI NOVEL AB FRAGMENTS AS MEDIATORS OF \*\*\*ALZHEIMERS\*\*\* \*\*\*DISEASE\*\*\*  
SF Principal Investigator: LEE, VIRGINIA M; UNIV OF PENNSYLVANIA, 3600 SPRUCE  
ST/MALONEY BLDG/FL 3, PHILADELPHIA, PA 19104  
CSP UNIVERSITY OF PENNSYLVANIA, PHILADELPHIA, PENNSYLVANIA  
CSS Supported By: NATIONAL INSTITUTE ON AGING  
DB 2009 (/01/97)  
FYR 2003  
DE 2008 (/31/08)  
FU Competing Continuation (Type 2)  
FS National Institutes of Health

L3 ANSWER 170 OF 170 IMSRESEARCH COPYRIGHT 2005 IMSWORLD on STN

ACCESSION NUMBER: 2000:901 IMSRESEARCH  
SOURCE: R&D Focus, (18 Aug 2003)  
GENERIC NAME: \*\*\*memapsin 2 inhibitors, Zapaq\*\*\* ; \*\*\*Alzheimers\*\*\*  
\*\*\* disease therapy, Zapaq\*\*\*

STRUCTURE:

STRUCTURE DIAGRAM IS NOT AVAILABLE

CLASSIFICATION: N7D9 All Other Anti-Alzheimer Products  
HIGHEST DEV. PHASE: Preclinical (20)

COMPANY INFORMATION:

Type	Company	Nationality
Originator	Illinois University	United States
Licensors	Oklahoma Medical Research Foundation	United States
Licensee	Zapaq	United States

STN INTERNATIONAL LOGOFF AT 16:23:26 ON 14 JAN 2005